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FORTY-FIRST

Annual Coal Report of Illinois

DEPARTMENT OF MINES AND MINERALS
1922



ROBERT M. MEDILL, Director
MARTIN BOLT, Assistant Director
Springfield, Illinois

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INSPECTION DISTRICTS AND STATE INSPECTORS OF MINES
FOR THE FISCAL YEAR ENDING JUNE 30, 1922.

First District—Bureau, Grundy, Henry, LaSalle, Livingston, Mercer,
Putnam, Rock Island and Will Counties.

WALTER A. WAITE, *Inspector*, Spring Valley.

Second District—McLean, Marshall, Peoria, Stark, Tazewell and
Woodford Counties.

WILLIAM E. KIDD, *Inspector*, Peoria.

Third District—Adams, Brown, Cass, Fulton, Hancock, Knox,
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THOMAS P. BACK, *Inspector*, Canton.

Fourth District—Logan, Menard, Morgan, Sangamon and
Scott Counties.

FRANCIS J. DEVLIN, *Inspector*, Springfield.

Fifth District—Christian, Macon, Moultrie, Shelby and
Vermilion Counties.

JOSEPH HASKINS, *Inspector*, Catlin.

Sixth District—Green, Jersey, Macoupin and Montgomery Counties.

JOHN G. MILLHOUSE, *Inspector*, Litchfield.

Seventh District—Bond, Madison and Marion Counties.

HENRY D. THOMPSON, *Inspector*, Collinsville.

Eighth District—Clinton and St. Clair Counties.

JAMES R. RICHARDS, *Inspector*, Belleville.

Ninth District—Jackson, Perry, Randolph and Washington Counties.

FRANK ROSBOTTOM, *Inspector*, Duquoin.

Tenth District—Franklin County.

E. J. HOEY, *Inspector*, Christopher.

Eleventh District—Gallatin, Saline and White Counties.

THOMAS ENGLISH, *Inspector*, Harrisburg.

Twelfth District—Johnson and Williamson Counties.

W. L. MORGAN, *Inspector*, Greenville.

RICHARD NEESON, *Inspector-at-Large*, Springfield.

E. S. SMITH, *Fluorspar Inspector*, Rosiclare.

LETTER OF TRANSMITTAL.

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS,
SPRINGFIELD, *January 1, 1923.*

Honorable Len Small, Governor of Illinois.

SIR: I have the honor to submit herewith the Forty-first Annual Report of the coal industry of the State for the fiscal year ended June 30, 1922, also containing the report of other divisions of the Department of Mines and Minerals.

Respectfully submitted,
ROBERT M. MEDILL, *Director.*

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FORTY-FIRST ANNUAL COAL REPORT OF ILLINOIS.

INTRODUCTORY.

The year just closed shows a reduction in the amount of coal mined from last year of 16,845,121 tons, due in part to the suspension of operations through the spring and summer months. The production of the shipping mines from July 1, 1920, to March 31, 1921, was 64,502,514 tons and from July 1, 1921, to March 31, 1922, 61,318,710, or a reduction for the nine months of 3,183,804 tons.

There were employed in shipping mines 93,681 men, an increase over last year of 1,601, while the number of mines operated decreased 37 and the number of days worked was 47 less. However, the average tons per man per day for each of the nine months periods is practically the same.

The number of men killed in the past year is 159, or 63 less than the previous year, and the number injured is 3,879, a decrease of 448. Table 37 shows the non-fatal accidents involving a loss of 30 or more days, for the five years under Compulsory Compensation, for five years under Elective Compensation, and by ten-year periods before the Compensation Act was passed.

This report is made up along the lines of those of former years. Changes will be found in a few tables and some new ones added, which, it is hoped, will be an improvement and will meet with the approval of all interested in the mining industry of the State.

A comparison of the main features of this report with that of 1921 follows:

COMPARATIVE SUMMARY, 1921-1922.

	1921	1922	Increase	Decrease
Number of counties producing coal.....	53	52	.....	1
Number of mines operated.....	1,035	1,133	98	.....
Total output of all mines, tons.....	80,121,948	63,276,827	.....	16,845,121
Number of shipping mines.....	389	352	.....	37
Output of shipping mines, tons.....	78,339,082	61,406,093	.....	16,932,989
Number of local mines.....	646	781	135	.....
Output of local mines, tons.....	1,782,866	1,870,734	87,868	.....
Tons shipped.....	50,836,570	38,140,978	.....	12,695,592
Tons sold to railroad companies.....	22,228,449	18,764,287	.....	3,464,162
Tons supplied to locomotives.....	506,993	319,438	.....	187,555
Tons sold to local trade.....	3,518,677	1,656,788	.....	1,861,889
Tons consumed and wasted at the mine.....	2,536,713	1,650,820	.....	885,893
Tons not sold, including loss in preparation.....	494,546	*873,782	.....	361,654
Average days worked, shipping mines.....	174	127	.....	47
Average days worked, local mines.....	140	137	.....	3
Average days worked, all mines.....	152	134	.....	18
Tons washed or rescreened.....	6,436,016	4,348,421	.....	2,087,595
Number of mines using machines.....	243	205	.....	38
Number of machines used.....	2,758	2,762	4	.....
Tons undercut by machines.....	50,338,449	41,168,621	.....	9,169,828
Tons mined by hand.....	29,783,499	20,237,472	.....	9,546,027
Number of employees in shipping mines.....	92,080	93,681	1,601	.....
Number of employees in local mines.....	3,683	4,409	726	.....
Total number employed.....	95,763	98,090	2,327	.....
Number of motors in use.....	1,424	1,380	.....	44
Number of animals underground.....	5,348	4,832	.....	516
Powder used for blasting coal, kegs.....	1,593,527	1,184,200	.....	409,327
Permissible explosives used, pounds.....	2,621,006	2,332,980	.....	288,026
Dynamite used, pounds.....	114,688	50,801	.....	63,887
Number of fatal accidents.....	222	159	.....	63
Number of men injured losing 30 or more days.....	4,327	3,879	.....	448
Tons mined to each life lost.....	360,910	397,967	37,057	.....
Number of employed to each life lost.....	431	617	186	.....
Number killed per 1,000 employed.....	2.3	1.6	.....	.7
Tons mined to each man injured.....	18,517	16,313	.....	2,204
Number employed to each man injured.....	22	25	3	.....

*512,128 tons lost in preparing for market.

TABLE 1—CLASSIFICATION OF MINES AND TONS. SHIPPING AND LOCAL MINES, BY DISTRICTS. 1922.

District	All Mines			Shipping Mines			Local Mines		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
First.....	111	5,467	1,689,343	19	4,572	1,300,876	92	895	388,467
Second.....	133	4,149	2,197,924	23	3,325	1,857,596	110	824	340,328
Third.....	376	3,644	1,591,068	21	2,404	1,211,503	355	1,240	379,565
Fourth.....	60	9,354	6,304,257	29	9,153	6,204,873	31	201	99,384
Fifth.....	99	8,490	6,223,776	31	8,047	5,969,428	68	443	254,348
Sixth.....	30	10,951	7,527,996	22	10,903	7,517,272	8	48	10,724
Seventh.....	30	5,785	3,995,348	21	5,707	3,961,777	9	78	33,571
Eighth.....	71	8,346	5,473,442	52	8,080	5,305,280	19	266	168,162
Ninth.....	78	8,217	5,373,660	39	7,997	5,261,432	39	220	112,228
Tenth.....	25	14,840	9,999,917	25	14,840	9,999,917	.....	.....	.....
Eleventh.....	39	6,293	4,158,307	20	6,228	4,137,125	19	65	21,182
Twelfth.....	81	12,554	8,741,789	50	12,425	8,679,014	31	129	62,775
The State.....	1,133	98,090	63,276,827	352	93,681	61,406,093	781	4,409	1,870,734

TABLE 2—A GROUPING OF SHIPPING MINES BY OUTPUT, SHOWING NUMBER OF MINES, MEN AND TONS IN EACH GROUP, BY DISTRICTS, AND THE LOCAL MINES FOR THE STATE.

Districts	Tonnage and mines producing—											
	Less than 10,000 Tons			10,000 but less than 50,000			50,000 but less than 100,000			100,000 but less than 200,000		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
First.....	1	35	8,827	6	651	181,030	8	2,316	584,913	4	1,570	526,106
Second.....	4	109	27,799	6	355	178,710	8	1,125	598,806	3	970	440,719
Third.....	8	264	57,276	5	474	134,803	3	358	199,862	4	868	539,945
Fourth.....	.....	.....	.....	3	383	85,723	2	293	144,142	11	2,933	1,671,134
Fifth.....	2	131	4,015	7	634	139,242	5	683	364,226	7	1,835	949,567
Sixth.....	.....	.....	.....	2	419	86,562	1	302	68,803	4	1,534	616,654
Seventh.....	3	142	15,162	3	149	101,068	2	235	163,027	5	1,327	780,063
Eighth.....	4	218	22,696	13	993	336,698	15	1,690	1,054,393	12	2,305	1,628,432
Ninth.....	5	193	21,673	6	514	173,976	9	1,015	643,301	11	2,535	1,521,318
Tenth.....	.....	.....	.....	1	344	24,931	1	331	69,702	4	1,613	580,742
Eleventh.....	.....	.....	.....	2	678	166,205	2	367	143,268	3	790	515,731
Twelfth.....	5	55	11,603	7	229	117,998	7	1,431	561,318	14	3,678	2,085,168
Total.....	32	1,147	169,051	64	5,823	1,726,946	63	10,146	4,595,761	82	21,958	11,855,579
Local mines.....	748	3,246	1,106,052	31	1,044	622,068	2	119	142,614	.....	.....	.....
Total.....	780	4,393	1,275,103	95	6,867	2,349,014	65	10,265	4,738,375	82	21,958	11,855,579

TABLE 2—Continued.

Districts	Tonnage and mines producing—											
	200,000 but less than 300,000			300,000 but less than 400,000			400,000 but less than 500,000			500,000 but less than 600,000		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Second.....	1	305	247,843	1	471	363,719	.....	.....	.....	.....	.....	.....
Third.....	1	440	279,617	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fourth.....	72	3,321	1,848,378	5	2,464	1,865,909	.....	.....	.....	1	738	589,587
Fifth.....	41	1,124	955,472	1	492	327,021	.....	.....	.....	2	1,045	1,109,107
Sixth.....	62	512	1,510,534	1	627	382,288	1	564	419,128	3	1,999	1,580,421
Seventh.....	41	612	1,009,192	1	426	363,001	1	626	457,916	2	1,190	1,072,348
Eighth.....	51	562	1,092,916	2	763	675,354	1	549	494,791	.....	.....	.....
Ninth.....	31	1,171	749,089	4	1,851	1,483,058	.....	.....	.....	.....	.....	.....
Tenth.....	31	1,377	768,509	5	2,598	1,741,918	4	2,671	1,826,475	4	2,904	2,171,071
Eleventh.....	51	840	1,201,969	3	1,337	997,296	.....	.....	.....	2	1,216	1,112,656
Twelfth.....	62	2,141	1,550,792	7	2,721	2,328,926	2	942	894,399	2	1,155	1,128,810
Total.....	45	16,489	11,214,311	30	13,750	10,528,490	9	5,352	4,892,709	16	10,247	8,764,000

TABLE 2—Concluded.

Districts	Tonnage and mines producing—											
	600,000 but less than 700,000			700,000 but less than 800,000			800,000 but less than 900,000			900,000 and over		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Fifth.....	1	880	693,732	2	1,223	1,427,046	1	738	836,321	2	2,236	2,183,336
Sixth.....	3	2,208	2,016,561	1	718	669,017	1	738	836,321	2	2,236	2,183,336
Ninth.....	1	718	669,017	1	738	836,321	2	2,236	2,183,336	2	2,236	2,183,336
Tenth.....	1	766	633,233	1	738	836,321	2	2,236	2,183,336	2	2,236	2,183,336
Total.....	6	4,572	4,012,543	2	1,223	1,427,046	1	738	836,321	2	2,236	2,183,336

TABLE 3—CLASSIFICATION OF MINES BY TONNAGE, WITH PERCENTAGES.

Mines producing—	Number of mines	Number of employees	Tons mined	Percentage of—		
				Mines	Men	Tons
Less than 10,000 tons.....	780	4,393	1,275,103	68.84	4.47	2.02
10,000 but less than 50,000.....	95	6,867	2,349,014	8.38	7.00	3.71
50,000 but less than 100,000.....	65	10,265	4,738,375	5.74	10.46	7.49
100,000 but less than 200,000.....	82	21,958	11,855,579	7.24	22.39	18.74
200,000 but less than 300,000.....	45	16,489	11,214,311	3.97	16.81	17.72
300,000 but less than 400,000.....	30	13,750	10,528,490	2.65	14.02	16.63
400,000 but less than 500,000.....	9	5,352	4,092,709	.79	5.46	6.47
500,000 but less than 600,000.....	16	10,247	8,764,000	1.41	10.45	13.85
600,000 but less than 700,000.....	6	4,572	4,012,543	.53	4.66	6.34
700,000 but less than 800,000.....	2	1,223	1,427,046	.18	1.25	2.26
800,000 but less than 900,000.....	1	738	836,321	.09	.75	1.32
900,000 and over.....	2	2,236	2,183,336	.18	2.28	3.45
Total.....	1,133	98,090	63,276,827	100.00	100.00	100.00

TABLE 4—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED.

Mines employing—	Shipping mines			Local mines			All mines		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Less than 10 men.....	3	20	5,743	746	3,215	1,101,894	749	3,235	1,107,637
10 but less than 50..	43	1,235	706,139	27	650	433,680	70	1,885	1,139,819
50 but less than 100..	46	3,621	1,745,327	8	544	335,160	54	4,165	2,080,487
100 but less than 200..	72	10,614	5,942,811	.....	.....	.....	72	10,614	5,942,811
200 but less than 300..	57	14,489	8,754,610	.....	.....	.....	57	14,489	8,754,610
300 but less than 400..	50	17,304	9,997,716	.....	.....	.....	50	17,304	9,997,716
400 but less than 500..	32	14,423	9,715,043	.....	.....	.....	32	14,423	9,715,043
500 but less than 600..	23	12,630	8,926,810	.....	.....	.....	23	12,630	8,926,810
600 but less than 700..	14	11,622	9,530,480	.....	.....	.....	14	11,622	9,530,480
700 and over.....	12	7,723	6,081,414	.....	.....	.....	12	7,723	6,081,414
Total.....	352	93,681	61,406,093	781	4,409	1,870,734	1,133	98,090	63,276,827

TABLE 5—SHIPPING MINES, PRODUCING 400,000 TONS OR OVER, LOCATION, NUMBER OF EMPLOYEES, DAYS WORKED, TONS PRODUCED, AND THE AVERAGE OUTPUT PER DAY.

Name of operator	Location	Men	Days	Total tons	Average tons per day
Chicago, Wilm. & F. Coal Co., No. 1	Orient	1,108	196	1,104,802	5,637
Bell & Zoller Mining Co., No. 1	Zeigler	1,128	199	1,078,534	5,416
Superior Coal Co., No. 3	Gillespie	738	168	836,321	4,978
Peabody Coal Co., No. 8	Tovey	597	186	718,823	3,865
Peabody Coal Co., No. 7	Kincaide	629	179	708,223	3,957
United States Fuel Co., Vermilion	Georgetown	880	176	693,732	3,942
Superior Coal Co., No. 1	Gillespie	779	171	684,994	4,006
Superior Coal Co., No. 2	Gillespie	731	145	682,148	4,704
Centralia Coal Co., No. 5	Centralia	718	224	669,017	2,987
Superior Coal Co., No. 4	Gillespie	698	165	649,419	3,996
Western Coal & Mining Co., No. 2	Bush	766	215	633,233	2,945
Harrisburg Col. Co., Harco	Harco	625	204	590,386	2,894
Madison Coal Corp., No. 6	Divernon	738	145	589,587	4,066
Nokomis Coal Co., No. 1	Nokomis	772	144	574,719	3,991
Peabody Coal Co., No. 9	Taylorville	427	185	571,577	3,090
Madison Coal Corp., No. 9	Dewmaine	583	176	570,665	3,242
Peabody Coal Co., No. 3	Marion	572	199	558,145	2,805
Bell & Zoller Mining Co., No. 2	Zeigler	675	167	551,657	3,303
Franklin Coal & Coke Co., No. 1	Royalton	632	176	550,703	3,129
Mt. Olive & Staunton Coal Co., No. 2	Staunton	636	146	548,598	3,757
Peabody Coal Co., No. 24	Danville	618	204	537,530	2,635
Old Ben Coal Corp., No. 11	Christopher	739	135	537,355	3,980
Old Ben Coal Corp., No. 8	West Frankfort	858	99	531,356	5,365
Donk Bros. Coal & Coke Co., No. 2	Maryville	554	142	523,750	3,688
Big Creek Coal Co., Inc., No. 3	Harrisburg	591	183	522,270	2,854
Consolidated Coal Co., No. 7	Staunton	687	127	504,780	3,975
Standard Oil Co., Ind., No. 1	Carlinville	540	189	500,922	2,650
Old Ben Coal Corp., No. 9	West Frankfort	927	95	494,833	5,209
St. Louis & O'Fallon Coal Co., No. 2	East St. Louis	549	156	494,791	3,172
Southern Gem Coal Corp., No. 1	West Frankfort	547	155	481,272	3,105
Consolidated Coal Co., No. 7	Herrin	504	180	464,960	2,583
New Staunton Coal Co., No. 1	Livingston	626	104	457,916	4,403
Franklin Co. Mining Co.	Benton	457	158	430,521	2,725
Chicago, Wilm. & F. Coal Co., "A"	Herrin	438	145	429,439	2,962
United States Fuel Co., M. F.	Benton	740	126	419,849	3,332
Shoal Creek Coal Co.	Panama	564	142	419,128	2,952
Total and average		24,371	164	21,315,955	3,609

TABLE 6—SHIPPING MINES, SHOWING THE NUMBER OF MINES, MEN, TONS, AVERAGE TONS PER DAY, BY DISTRICTS.

District	Mines	Men	Average days	Total tons	Average tons per day
First	19	4,572	115	1,300,876	11,312
Second	23	3,325	152	1,857,596	12,221
Third	21	2,404	125	1,211,503	9,692
Fourth	29	9,153	157	6,204,873	39,521
Fifth	31	8,047	129	5,969,428	46,275
Sixth	22	10,903	127	7,517,272	59,191
Seventh	21	5,707	127	3,961,777	31,195
Eighth	52	8,080	111	5,305,280	47,795
Ninth	39	7,997	127	5,261,432	41,429
Tenth	25	14,840	123	9,999,917	81,300
Eleventh	20	6,228	130	4,137,125	31,824
Twelfth	50	12,425	123	8,679,014	70,561
Total	352	93,681	127	61,406,093	483,512
Local mines	781	4,409	137	1,870,734	13,655
The State	1,133	98,090	134	63,276,827	497,167

TABLE 7—OUTPUT OF SHIPPING MINES BY DISTRICTS AND OF LOCAL MINES FOR THE STATE, DIFFERENT GRADES OF COAL.

District	Total output	Mine run	Lump	Egg	Nut	Pea or screenings	Slack or waste
First.....	1,300,876	374,684	386,533	307,352	21,930	156,569	53,808
Second.....	1,857,596	1,000,934	427,118	122,995	8,689	273,745	24,115
Third.....	1,211,503	246,667	228,333	371,028	9,256	284,626	71,593
Fourth.....	6,204,873	816,866	1,846,801	1,573,127	176,020	1,691,697	100,362
Fifth.....	5,969,428	2,200,201	1,874,599	310,883	193,278	1,342,258	48,209
Sixth.....	7,517,272	1,255,992	3,325,490	886,223	69,137	1,426,931	553,499
Seventh.....	3,961,777	697,677	1,293,440	581,434	220,956	982,339	185,931
Eighth.....	5,305,280	1,264,365	1,751,089	717,865	202,558	1,319,534	49,869
Ninth.....	5,261,432	1,944,675	937,672	828,008	326,871	1,194,628	29,578
Tenth.....	9,999,917	1,552,896	1,433,757	1,757,898	1,463,747	3,405,063	386,556
Eleventh.....	4,137,125	1,152,552	591,418	740,952	267,273	1,304,653	80,277
Twelfth.....	8,679,014	2,263,608	1,205,339	1,231,131	963,931	2,770,013	244,992
Shipping mines...	61,406,093	14,771,117	15,301,589	9,428,896	3,923,646	16,152,056	1,828,789
Local mines.....	1,870,734	1,258,022	476,426	17,646	4,658	111,430	2,552
Total.....	63,276,827	16,029,139	15,778,015	9,446,542	3,928,304	16,263,486	1,831,341

TABLE 8—OUTPUT AND DAYS WORKED

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
BUREAU COUNTY—FIRST DISTRICT											
1	Springvalley Coal Co., No. 3.....	8	9,868	10	11,201	11	12,473	15	18,535	11	13,343
2	Illinois Third Vein Coal Co., No. 1....	14	9,874	16	10,640	13	9,278	12	8,786	16	11,414
3	Springvalley Coal Co., No. 1.....	8	7,204	6	5,002	8	7,114	13	12,729	9	8,535
4	Springvalley Coal Co., No. 5.....	4	3,175	9	8,212	6	6,137	12	12,796	8	7,513
5	St. Paul Coal Co., No. 2	10	9,212	12	11,139	9	7,764	9	7,425	13	10,211
	Total and average.....	9	39,333	11	46,194	9	42,766	12	60,271	12	51,016
GRUNDY COUNTY—FIRST DISTRICT											
1	Chicago, Wilm. & F. Coal Co., No. 3..	16	11,731	22	16,844	23	17,221	26	20,157	19	16,012
2	Wilmington Star M. Co., No. 7.....	7	2,667	14	5,163	13	4,706	16	6,240	14	5,115
	Total and average.....	12	14,398	18	22,007	18	21,927	21	26,397	17	21,127
LASALLE COUNTY—FIRST DISTRICT											
1	LaSalle Co. Carbon Coal Co., No. 1....	13	9,095	14	9,638	11	6,863	12	8,787	9	5,389
2	LaSalle Co. Carbon Coal Co., LaSalle..	9	4,249	7	3,655	9	4,087	5	2,488	13	5,324
3	LaSalle Co. Carbon Coal Co., Union....	11	5,345	6	3,723	7	5,020	19	11,541	12	7,439
4	Illinois Zinc Co., No. 3.....	7	1,144	7	1,196	8	1,435	6	1,263	14	3,336
5	LaSalle Co. Carbon Coal Co., No. 5....	3	1,283	4	659	7	2,954	10	4,912	9	4,852
6	Seneca Coal Co.....	25	577	26	682	23	569	25	863	24	844
	Total and average.....	11	21,693	11	19,553	11	20,928	13	29,854	14	27,184
LIVINGSTON COUNTY—FIRST DISTRICT											
1	Murphy, Linskey & K. Coal Co.....	7	1,093	11	1,817	11	2,919	12	2,876	12	2,206
2	Fairbury Coal Co.....	20	1,670	22	3,000	20	2,121	18	1,847	12	1,324
	Total and average.....	14	2,763	17	4,817	16	5,040	15	4,723	12	3,530
MERCER COUNTY—FIRST DISTRICT											
1	Alden Coal Co., No. 7.....	7	4,675	6	4,041	14	9,025	16	11,556	19	13,099
2	Coal Valley M. Co., No. 1.....	20	7,646	26	9,243	.....	.....	.....	.....	.....	.....
	Total and average.....	14	12,321	16	13,284	14	9,025	16	11,556	19	13,099
PUTNAM COUNTY—FIRST DISTRICT											
1	St. Paul Coal Co., No. 1.....	11	16,404	16	21,120	9	12,966	8	12,247	14	19,108
2	B. F. Berry Coal Co.....	5	2,706	5	3,285	5	3,883	8	5,627	9	6,976
	Total and average.....	8	19,110	11	24,405	7	16,849	8	17,874	12	26,084
MARSHALL COUNTY—SECOND DISTRICT											
1	Toluca Coal Co., No. 1.....	.....	.....	.....	.....	.....	.....	24	18,668	24	22,752
2	Wenona Coal Co.....	19	6,230	22	7,094	25	8,267	26	8,084	11	3,662
	Total and average.....	19	6,230	22	7,094	25	8,267	25	26,752	18	26,414

EACH MONTH OF THE YEAR.

Number of days in operation and total tons of coal mined																
December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
9	12,164	10	14,064	11	14,937	17	22,700							102	129,285	1
15	10,591	14	11,096	14	11,009	19	15,096							133	97,784	2
10	10,769	10	11,074	7	8,836	15	17,681							86	88,944	3
8	7,773	9	11,143	8	8,653	14	16,491							78	81,893	4
8	6,333	6	4,404	4	2,654	16	10,800							87	69,942	5
10	47,630	10	51,781	9	45,089	16	82,768							97	467,848	
18	16,323	23	20,958	22	20,982	26	23,474							195	163,702	1
9	3,911	14	6,340	9	3,948									96	38,090	2
14	20,234	19	27,298	16	24,930	26	23,474							146	201,792	
6	4,826	11	7,697	22	14,754	26	20,490							124	87,539	1
13	5,758	18	7,688	24	10,888	27	11,871							125	56,008	2
13	8,977	20	9,021											88	51,066	3
17	5,045	18	6,009	17	5,935	18	6,525	12	4,557	14	5,307	13	4,919	151	46,672	4
6	3,609	10	5,813	12	7,703	15	8,952							76	40,737	5
20	1,158	25	1,734	24	1,327	26	1,073							218	8,827	6
13	29,374	17	37,962	20	40,607	19	48,911	12	4,557	14	5,307	13	4,919	130	290,849	
14	2,588	17	3,342	14	3,014	14	3,101							112	22,956	1
2	572	14	1,847	18	1,540	28	1,765							154	15,686	2
8	3,160	16	5,189	16	4,554	21	4,866							133	38,642	
16	11,852	18	13,131	22	15,258	27	22,958							145	105,595	1
														46	16,889	2
16	11,852	18	13,131	22	15,258	27	22,958							96	122,484	
7	10,236	7	9,330	4	4,920	19	21,193							95	127,524	1
6	5,654	6	6,202	6	5,004	15	12,400							65	51,737	2
7	15,890	7	15,532	5	9,924	17	33,593							80	179,261	
26	25,974	25	27,063	9	10,428	25	27,122							133	132,007	1
15	5,260	24	8,250	22	7,898	20	6,689							184	61,434	2
21	31,234	25	35,313	16	18,326	23	33,811							159	193,441	

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
PEORIA COUNTY—SECOND DISTRICT											
1	Clark Coal & Coke Co., Empire.....	17	20,324	20	22,814	21	24,425	22	28,835	19	25,198
2	M. E. Case Coal Co.....	13	15,048	14	14,141	12	13,651	18	25,245	16	20,901
3	Newsom Bros. Coal Co., No. 5.....	14	9,290	13	8,936	17	11,015	18	10,997	23	15,262
4	Logan Coal Co.....	15	8,276	17	9,899	18	9,368	22	12,633	12	6,927
5	Newsom Bros. Coal Co., No. 4.....	8	3,040	16	7,111	13	6,573	17	9,347	17	9,600
6	Wolschlag Co-operative Coal Co.....	13	7,856	11	6,761	21	11,987	23	12,253	16	6,952
7	Crescent Coal Co., No. 1.....	9	966	14	.....	15	4,288	16	7,762	10	5,018
8	Central West Coal Co.....	5	1,705	8	2,602	10	2,474	7	1,350	7	1,383
9	Colliers Co-operative Coal Co.....	9	1,705	8	1,679	10	2,280	16	3,350	14	3,248
10	Silver Creek Coal Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Lancaster Coal Co., No. 1.....	14	1,915	20	2,764	19	2,890	14	1,978	16	2,443
12	East Mapleton Coal Co., No. 1.....	2	95	19	723	21	748	21	850	10	394
13	Newsom Bros. Coal Co., No. 6.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total and average.....		11	68,515	15	77,430	17	89,699	18	114,600	15	97,326
TAZEWELL COUNTY—SECOND DISTRICT											
1	Groveland Coal Mining Co., No. 2.....	19	27,011	20	36,396	20	34,688	18	34,215	21	36,685
2	Tazewell Coal Co.....	18	8,167	26	14,000	21	11,139	25	12,802	20	10,080
3	Lake Erie Mining Co.....	9	3,263	17	6,169	20	7,081	19	7,773	16	8,263
4	Ubben Coal Co.....	10	1,107	20	2,860	19	3,005	24	4,307	17	3,694
5	Regal Coal Co.....	18	2,191	26	2,954	20	2,808	26	2,653	20	2,362
6	East Peoria Mining Co.....	.....	.....	15	519	20	1,250	19	1,300	20	1,450
Total and average.....		15	41,739	21	62,898	20	59,971	22	63,050	19	62,534
WOODFORD COUNTY—SECOND DISTRICT											
1	Roanoke Coal Co.....	24	7,119	27	8,306	24	7,562	26	8,723	17	5,730
2	Minonk Coal Co., No. 2.....	23	4,324	19	3,630	24	5,647	24	5,764	22	5,141
Total and average.....		24	11,443	23	11,936	24	13,209	25	14,487	20	10,871
FULTON COUNTY—THIRD DISTRICT											
1	Cripple Creek Coal Co., Nos. 1 and 2.....	14	25,595	17	32,971	21	33,956	22	36,434	13	22,057
2	Silver Creek Coal Co., No. 1.....	12	13,752	11	13,289	12	15,050	18	22,202	13	15,236
3	National Coal M. Co.....	10	7,212	16	12,234	14	11,319	23	19,871	16	14,384
4	Canton Coal Co.....	2	1,824	18	17,151	18	17,981	22	21,452	14	13,674
5	Alden Coal Co., No. 8.....	10	9,418	12	10,891	10	9,121	16	14,769	13	13,993
6	Spoon River Coal Co.....	9	4,106	16	7,622	14	7,080	25	10,605	20	8,225
7	Binzel Coal Co., No. 1.....	20	4,507	10	3,517	9	4,034	17	7,760	24	11,108
8	Rewalt Coal Co.....	2	528	6	1,630	8	2,619	22	9,222	6	3,290
9	Maplewood Coal Co., No. 1.....	.....	.....	.....	.....	.....	.....	10	3,435	14	6,153
10	Shuler & Long Coal Co.....	14	2,113	25	5,058	23	5,170	23	5,036	16	3,860
11	Simmons Coal Co.....	.....	9	4,114	6	3,105	14	8,377	4	2,786	
12	Monmouth Coal Co., No. 1.....	.....	11	6,750	7	4,538	10	6,537	.....	.....	.....
13	Coal Creek M. Co., No. 1.....	24	1,299	23	1,752	23	1,829	24	2,286	16	1,452
14	Eclipse Coal Co.....	20	230	22	280	24	1,083	25	888	25	1,061
15	W. Donaldson Coal Co., No. 1.....	.....	10	507	20	900	25	1,240	24	1,370	
16	Middleton Coal Co.....	.....	.....	.....	3	323	23	3,294	9	2,065	
17	Robt. Gooden Coal Co.....	6	187	18	828	10	404	26	1,106	23	1,012
18	Joe McGlaughlin & Sons.....	.....	.....	.....	3	87	18	504	22	491	
19	Alden Coal Co., No. 6.....	.....	8	3,445	5	2,468	.....	.....	.....	.....	.....
20	Big Six Coal Co., No. 1.....	.....	.....	.....	15	550	18	811	14	631	
21	C. & L. Coal Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total and average.....		12	70,771	15	122,039	13	121,617	20	175,829	16	122,848

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
20	26,780	23	31,846	23	31,838	26	35,783							191	247,843	1
13	16,698	18	24,549	23	32,903	24	35,248							151	198,384	2
22	12,558	21	13,464	23	14,287	24	14,519							175	110,328	3
16	9,245	19	11,068	23	13,536	26	15,183							168	96,135	4
19	10,532	20	11,524	24	13,453	23	14,788							157	85,968	5
15	5,328	13	4,602	16	4,754	24	5,790							152	66,283	6
6	2,718	14	7,334	23	11,327	25	13,383							109	51,830	7
14	2,931	22	5,017	14	3,922	27	7,672							120	28,317	8
9	1,573	8	1,921	18	3,821	24	4,661							116	24,238	9
11	1,356	1	16	5	542	23	3,366	9	1,285	7	1,071	4	606	70	7,545	10
11	454	11	490	10	610	24	950	10	480	20	930	18	756	187	7,480	12
6	120	24	545	21	1,166	26	4,924							77	6,755	13
14	90,293	19	113,705	19	134,630	25	160,012	10	1,765	14	2,001	11	1,362	140	951,338	
24	47,354	25	47,723	24	50,181	26	49,466							197	363,719	1
18	9,081	13	6,816	16	7,916	26	13,266							183	93,267	2
15	10,092	16	11,425	18	13,190	26	20,629							156	87,885	3
18	3,904	23	5,133	21	4,632	26	5,942							178	34,584	4
22	2,906	15	1,584	16	1,942	26	3,226							99	22,626	5
20	1,500													84	6,019	6
20	74,837	18	72,681	19	77,861	26	92,529							166	608,100	
7	2,463	13	4,529	15	5,486	17	6,086							170	56,004	1
20	4,849	24	6,158	22	6,165	26	7,035							204	48,713	2
14	7,312	19	10,687	19	11,651	22	13,121							187	104,717	
15	26,298	16	28,187	15	27,421	25	46,698							158	279,617	1
10	11,695	16	15,258	13	16,219	24	27,220							129	149,921	2
15	13,695	23	21,029	17	15,239	25	23,187							159	138,170	3
8	8,675	14	13,191	13	12,575	26	27,202							135	133,725	4
9	10,231	11	13,016	11	13,019	22	23,671							114	118,129	5
24	10,869	24	11,311	20	8,917	26	12,370							178	81,105	6
15	7,270	10	6,806	17	8,206	23	11,959							145	65,167	7
7	3,746	12	6,924	15	7,961	27	17,670							105	53,590	8
15	6,864	18	8,310	21	9,991	25	10,529							103	45,282	9
10	2,558	10	2,512	10	2,496	26	6,754							37	35,557	10
4	2,177													37	20,559	11
														28	17,825	12
														178	15,580	13
15	1,428	13	1,321	14	1,453	26	2,760							276	9,931	14
25	1,060	26	1,122	24	1,204	26	896	10	165	24	747	25	1,195	165	9,419	15
24	1,386	17	1,013	18	1,224	27	1,779							54	8,868	16
19	3,186													174	8,225	17
22	1,180	25	1,302	22	1,106	19	906			3	194			174	6,844	18
25	684	25	629	21	429	10	310			26	1,780	24	1,930	14	6,581	19
							1,142							115	5,148	20
22	992	9	498	11						18	1,260	15	1,000	33	2,260	21
16	113,994	17	132,429	16	127,984	24	215,721	10	165	18	3,981	21	4,125	125	1,211,503	

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
LOGAN COUNTY—FOURTH DISTRICT											
1	Sangamon Co. Mining Co.	10	14,440	10	21,434	10	18,022	26	24,663	17	14,193
2	Citizens Coal Mining Co.	20	13,597	23	15,616	22	15,103	24	16,870	22	15,452
	Total and average.	15	28,037	17	37,050	16	33,125	25	41,533	20	29,645
MENARD COUNTY—FOURTH DISTRICT											
1	Union Fuel Co.	9	5,072	9	5,501	16	8,937	23	12,695	13	7,185
SANGAMON COUNTY—FOURTH DISTRICT											
1	Madison Coal Corp., No. 6.	8	36,275	12	45,005	15	57,335	15	71,057	15	71,520
2	Peabody Coal Co., No. 6.	23	37,290	19	33,731	23	40,283	26	43,849	24	41,439
3	Springfield Dist. Coal M. Co., No. 55.	24	40,307	21	36,111	25	43,276	26	44,607	24	41,349
4	Peerless Coal Co.	18	39,209	22	45,748	23	50,314	25	50,799	13	25,008
5	C. W. & F. Coal Co., No. 1.	7	19,635	9	25,077	8	21,915	12	33,742	14	39,963
6	Panther Creek Coal Co.	14	33,521	13	31,347	14	36,253	16	42,190	15	39,724
7	Citizens Coal Mining Co., "B".	13	19,499	19	29,714	25	37,087	23	35,294	14	20,728
8	Springfield Dist. Coal M. Co., No. 57.	21	26,630	19	25,595	23	32,541	25	33,523	23	29,180
9	Spring Creek Coal Co.	6	7,299	20	28,194	21	32,876	18	28,235	15	23,422
10	Sangamon Co. Mining Co., Jeff.	25	27,244	26	31,554	24	30,141	24	29,639	19	23,461
11	Sangamon Coal Co., No. 2.	12	17,023	17	23,643	20	29,771	26	38,998	15	21,623
12	Illinois Coal & Coke Corp., No. 1.	10	12,625	13	17,733	17	25,401	23	35,250	14	22,422
13	West End Coal Co.	3	2,813	14	15,878	15	18,517	23	32,090	17	23,717
14	Chicago-Springfield Coal Co.	13	13,172	13	15,205	19	22,016	25	28,402	15	16,285
15	Bissell Coal Co.	9	9,959	9	9,822	15	17,460	23	24,151	18	19,030
16	Union Fuel Co., No. 5.	17	14,419	18	17,420	25	24,233	25	24,708	18	18,592
17	Springfield Dist. Coal M. Co., No. 53.							8	6,912	18	25,119
18	Springfield Co-operative Coal M. Co.	8	5,580	13	11,610	17	15,115	22	21,620	13	13,110
19	Springfield Dist. Coal M. Co., No. 52.							17	23,710	20	28,965
20	Union Fuel Co., No. 3.	9	10,217	8	10,028	10	10,989	17	17,790	13	15,201
21	Dawson Coal Co., No. 1.	20	10,608	22	13,154	20	12,094	25	14,315	24	13,270
22	Union Fuel Co., No. 2.	14	13,688	11	10,947	13	10,545	22	20,455	10	8,997
23	Lincoln Park C. & B. Co.			7	1,519	14	4,691	24	9,828	19	6,687
24	Sangamon Coal Co., No. 3.							5	853	18	5,583
25	Springfield Dist. Coal M. Co., No. 51.					7	3,168	10	9,136	16	7,572
26	Illinois Coal & Coke Corp., No. 2.	6	2,343	14	5,583	9	3,738	3	1,101	12	4,557
	Total and average.	13	399,356	15	484,618	17	579,759	20	722,254	17	606,524
CHRISTIAN COUNTY—FIFTH DISTRICT											
1	Peabody Coal Co., No. 8.	23	80,652	17	62,182	19	72,022	19	75,290	15	56,070
2	Peabody Coal Co., No. 7.	21	78,964	22	83,726	13	51,047	19	76,370	16	65,876
3	Peabody Coal Co., No. 9.	20	47,548	24	59,253	20	57,598	19	55,696	14	44,602
4	Penwell Coal M. Co.	13	17,218	13	21,417	15	21,853	15	27,157	12	20,228
5	Pana Coal Co., No. 2.	8	11,029	15	18,248	7	10,264	12	17,520	8	12,901
6	Springfield Dist. Coal M. Co., No. 58.					11	3,255	26	10,019	21	13,841
7	Peabody Coal Co., No. 21.							9	1,846	17	15,493
8	Smith-Lohr Coal M. Co.	5	5,346	9	9,115	10	11,748	15	17,354	6	8,817
9	Pana Coal Co., No. 1.	4	5,704	5	6,582	5	7,080	9	13,261	7	10,438
10	Assumption Coal M. Co., No. 1.	15	2,268	12	4,717	10	3,394	9	4,000	10	4,156
11	Christian Co. Mining Co.	2	377	1	152	10	2,034	8	1,834	11	2,560
	Total and average.	12	249,106	13	265,392	12	240,295	15	300,347	13	254,982
MACON COUNTY—FIFTH DISTRICT											
1	Macon County Coal Co.	22	7,114	24	11,650	24	13,791	24	14,268	23	9,725
2	Decatur Coal Co.	12	4,958	15	7,607	24	9,011	20	8,863	16	6,893
3	Niantic Carbon Coal Co.							9	2,026	22	4,620
	Total and average.	17	12,072	20	19,257	24	22,802	18	25,157	20	21,238

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
20	17,703	25	25,173	22	23,690	25	28,122							165	187,440	1
24	17,423	23	17,300	22	15,654	25	17,989							205	145,004	2
22	35,126	24	42,473	22	39,344	25	46,111							185	332,444	
9	5,528	14	7,778	15	10,433	25	17,233							133	80,362	1
20	60,511	20	84,484	18	72,848	22	90,552							145	589,587	1
20	36,936	25	52,509	23	47,378	27	59,165							209	392,580	2
22	41,711	26	41,643	24	47,418	25	51,560							217	387,982	3
10	21,224	20	42,547	19	41,674	27	57,554							177	374,077	4
9	25,513	21	60,794	23	65,823	25	72,222							128	364,684	5
13	33,926	14	38,655	13	35,562	18	55,408							130	346,586	6
18	27,681	20	32,339	23	35,930	25	38,380							180	276,657	7
20	26,235	24	30,276	24	33,546	27	37,701							206	275,227	8
21	33,318	20	34,334	20	36,532	25	45,164							166	269,374	9
22	28,390	25	31,330	24	30,878	25	33,404							214	266,071	10
18	23,697	25	36,327	24	36,145	26	37,965							214	265,192	11
17	27,116	22	34,948	24	39,765	27	46,666							167	261,926	12
21	30,990	24	35,106	24	35,560	26	39,260							167	233,931	13
23	24,430	24	26,180	22	23,326	26	28,792							180	197,808	14
21	22,674	23	24,839	23	24,746	26	29,108							167	181,789	15
10	12,454	12	16,988	15	19,603	18	23,706							158	172,123	16
9	12,259	25	27,389	24	34,716	27	41,473							111	147,868	17
18	14,825	24	23,560	17	16,000	15	15,690							147	137,116	18
7	11,629	9	7,267	24	29,302	27	34,927							104	135,800	19
8	11,050	9	10,393	13	15,565	22	26,443							109	127,676	20
21	10,706	25	14,424	24	15,160	26	17,189							207	120,926	21
8	6,028	14	12,620	16	16,805	17	17,507							125	117,596	22
24	9,671	25	11,356	21	8,117	26	11,911							160	63,780	23
12	4,770	16	7,285	19	8,195	26	11,896							96	38,586	24
8	5,563													41	25,435	25
8	4,376													52	21,698	26
16	567,683	21	737,593	21	770,637	24	923,643							156	5,792,067	
19	76,973	23	91,569	24	92,935	27	111,130							186	718,823	1
18	74,070	21	84,240	23	91,235	26	102,695							179	708,223	2
20	64,509	21	68,665	20	73,568	27	100,138							185	571,577	3
14	25,718	19	30,957	19	33,953	23	41,166							143	239,667	4
14	16,593	15	25,463	15	23,564	14	22,540							108	158,122	5
12	8,860	22	20,050	19	34,574	23	51,017							134	141,616	6
10	14,123	15	21,231	20	27,267	22	29,715							93	109,675	7
														45	52,380	8
														30	43,065	9
11	4,570	14	4,858	12	4,884	14	2,987							107	35,834	10
5	1,240	7	1,376	6	972	7	1,583							57	12,128	11
14	286,656	17	348,409	17	382,952	20	462,971							115	2,791,110	
25	10,414	24	14,925	23	13,297	26	15,514							215	110,698	1
18	8,105	25	11,543	24	10,606	26	11,558							180	79,144	2
12	3,298	7	1,540											50	11,484	3
18	21,817	19	28,008	24	23,903	26	27,072							148	201,326	

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
MOULTRIE COUNTY—FIFTH DISTRICT											
1	Lovington Coal M. Co., No. 1.....	14	11,817	20	16,935	14	13,377	14	14,459	21	20,828
SHELBY COUNTY—FIFTH DISTRICT											
1	Moweaqua Coal & M. Co., No. 1....	13	5,143	15	7,256	13	6,925	19	10,533	8	4,845
VERMILION COUNTY—FIFTH DISTRICT											
1	United States Fuel Co., Verm.....	9	33,223	12	43,613	14	53,165	22	84,649	22	86,147
2	Peabody Coal Co., No. 24.....	15	38,087	19	44,892	23	60,204	26	66,088	24	62,160
3	United States Fuel Co., No. 4.....	9	16,653	11	20,005	13	24,375	21	40,085	22	41,746
4	United States Fuel Co., Bunsen.....	8	12,461	10	14,580	11	17,708	22	36,784	22	33,659
5	United Elect. Coal Co., No. 1.....	12	13,391	20	20,791	24	25,016	23	24,930	20	24,029
6	Brady Branch Coal Co.....	20	17,649	21	17,920	20	17,302	11	8,989	21	17,858
7	Taylor-English Coal Co., No. 2.....	.....	.....	9	3,392	21	17,835	22	22,162	23	22,767
8	United Elect. Coal Co., No. 6.....	14	11,300	20	15,020	22	17,000	22	17,000	19	15,000
9	United Elect. Coal Co., No. 4.....	3	1,714	14	6,616	.....	.....	12	8,635	15	10,436
10	United Elect. Coal Co., No. 5.....	20	13,609	16	9,507	.....	.....	.....	.....	5	3,100
11	Chicago Coal Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	I. & I. Coal Co.....	.....	.....	.....	.....	24	2,459	26	3,325	20	2,636
13	Sharon Coal Co.....	7	344	22	2,137	9	1,539	.....	.....	.....	.....
14	Chicago Coal Co., No. 1.....	10	2,189	.....	.....	.....	.....	.....	.....	.....	.....
15	Lone Oak Coal Co.....	.....	.....	.....	.....	.....	.....	.....	.....	6	289
Total and average.....		12	160,620	16	198,473	18	236,603	21	312,647	18	319,827
MACOUPIN COUNTY—SIXTH DISTRICT											
1	Superior Coal Co., No. 3.....	15	74,782	15	75,806	15	74,506	22	109,418	23	110,601
2	Superior Coal Co., No. 1.....	14	54,388	17	66,854	15	57,143	21	78,546	21	82,763
3	Superior Coal Co., No. 2.....	3	11,245	8	34,419	16	75,387	22	105,019	20	94,333
4	Superior Coal Co., No. 4.....	15	47,408	19	69,044	14	44,954	18	67,809	23	87,288
5	Consolidated Coal Co., No. 7.....	10	37,356	14	53,774	10	37,537	19	73,812	16	63,154
6	Standard Oil Co., No. 1.....	20	45,694	12	29,947	16	40,146	22	55,917	24	60,697
7	Consolidated Coal Co., No. 15.....	.....	.....	.....	.....	4	16,243	14	62,617	18	69,686
8	Illinois Coal & Coke Co., No. 3.....	20	27,941	11	14,901	16	26,336	19	31,294	9	15,087
9	Madison Coal Corp., No. 5.....	9	12,548	14	19,352	16	21,778	20	29,112	19	25,321
10	Consolidated Coal Co., No. 14.....	5	19,448	7	27,880	6	23,281	13	55,819	13	52,572
11	Gillespie Coal Co.....	24	19,444	25	20,173	22	18,478	21	17,622	24	21,750
12	Royal Colliery Co.....	9	19,516	8	18,025	8	18,472	10	21,919	14	32,533
13	Illinois Coal & Coke Corp., No. 4.....	19	22,674	11	13,100	7	8,591	2	823	18	20,186
14	Standard Oil Co., No. 2.....	24	22,288	25	20,000	5	3,319	.....	.....	.....	.....
15	Bartels Coal Co., Inc.....	12	1,340	13	1,573	17	2,725	22	5,055	13	2,747
Total and average.....		14	416,072	14	464,848	13	468,896	18	714,782	18	738,718
MONTGOMERY COUNTY—SIXTH DISTRICT											
1	Nokomis Coal Co.....	12	34,636	18	57,618	16	51,111	14	43,459	17	68,284
2	Shoal Creek Coal Co.....	7	20,495	12	36,490	12	33,721	18	53,229	14	42,265
3	Indiana & Illinois Coal Corp., No. 15	11	25,018	13	30,244	12	29,140	12	33,322	9	22,060
4	Hillsboro Coal Co.....	10	13,896	22	32,080	19	27,640	25	37,089	15	21,742
5	Indiana & Illinois Coal Corp., No. 11	8	2,283	13	25,052	11	21,385	14	30,746	10	21,659
6	Indiana & Illinois Coal Corp., No. 10	5	11,292	5	12,371	7	16,069	8	21,330	5	10,784
7	Indiana & Illinois Coal Corp., No. 12	13	34,527	13	33,939	12	30,884	10	19,014	8	16,191
Total and average.....		10	142,147	14	227,794	13	209,950	15	238,189	11	202,985
BOND COUNTY—SEVENTH DISTRICT											
1	Pocahontas Mining Co.....	7	11,825	10	18,776	11	20,574	24	38,060	8	13,478

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
17	16,455	22	20,371	19	19,205	20	18,986							161	152,436	1
7	4,094	13	7,722	10	5,579	10	6,050							108	58,147	1
23	89,750	24	96,803	23	93,420	27	112,962							176	693,732	1
24	59,402	22	58,274	24	69,004	27	79,419							204	537,530	2
22	40,829	22	42,521	24	47,461	27	53,346							171	327,021	3
22	37,484	23	41,162	24	41,280	27	48,855							169	283,973	4
17	22,109	17	22,000	24	31,000	27	38,604							184	221,870	5
21	18,441	22	20,104	23	19,756	18	16,327	22	20,774	16	15,099	21	19,743	236	209,962	6
17	18,989	18	19,267	15	18,142	18	19,146							143	141,700	7
15	12,000	12	9,000	24	19,000	24	20,000							172	135,320	8
15	11,412	16	13,503	22	16,891	26	23,103							123	92,310	9
20	12,905	20	12,645	23	14,930	24	15,549							128	82,245	10
4	104	3	370	19	5,105	25	10,124							44	15,229	11
22	160	26	1,705	19	2,247	24	1,716	24	2,675			6	85	97	11,141	12
22	1,537													135	10,361	13
														10	2,189	14
														28	1,826	15
19	325,122	19	337,354	22	379,952	25	440,110	22	20,774	16	15,099	14	19,828	135	2,766,409	
13	67,202	20	97,124	19	94,619	27	132,263							168	836,321	1
20	82,028	18	73,422	21	85,711	24	104,139							171	684,994	2
14	68,586	16	75,676	19	89,439	27	128,044							145	682,148	3
16	70,351	19	81,213	17	75,715	24	105,637							165	649,419	4
9	34,206	12	50,442	13	53,693	24	100,806							127	504,780	5
24	61,781	22	62,659	23	67,670	26	76,411							189	500,922	6
5	21,940	11	40,640	13	60,065	26	111,097							91	382,288	7
17	29,172	18	32,925	18	35,480	26	52,314							154	265,450	8
17	23,363	20	32,400	19	29,086	24	37,066							158	230,026	9
6	24,067	5	15,015											55	218,082	10
24	21,611	24	22,635	24	22,667	26	24,802							214	189,182	11
10	23,197	3	5,685											62	139,347	12
2	3,429													59	68,803	13
														54	45,607	14
17	4,135	23	6,744	24	7,970	24	8,666							165	40,955	15
14	535,068	16	596,580	19	622,115	25	881,245							132	5,438,324	
16	75,145	17	77,568	15	77,024	19	89,874							144	574,719	1
19	56,175	13	38,633	21	63,378	26	74,742							142	419,128	2
13	34,066	16	43,358	11	30,556	24	51,092							121	298,856	3
16	24,080	22	33,258	21	31,239	25	38,707							175	259,731	4
13	27,054	15	31,555	12	26,101	24	52,554							120	238,389	5
2	4,225	4	10,402	8	26,051	10	32,934							54	145,458	6
6	8,112													62	142,667	7
12	228,857	15	234,774	15	254,349	21	339,903							117	2,078,948	
8	14,620	11	20,075	18	22,432	15	29,357							106	189,197	1

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
MADISON COUNTY—SEVENTH DISTRICT											
1	Mt. Olive & Staunton Coal Co., No. 2.	7	26,016	13	49,224	15	56,281	21	75,418	17	62,698
2	Donk Bros. Coal & Coke Corp., No. 2.	12	45,525	18	67,778	12	45,291	19	72,349	17	56,461
3	New Staunton Coal Co., No. 1.	6	25,626	6	28,737	10	46,269	13	61,794	7	31,330
4	Madison Coal Corp., No. 2.	8	17,378	13	29,302	16	36,272	18	41,626	17	39,837
5	Lumaghi Coal Co., No. 2.	7	24,461	8	26,888	8	24,694	16	47,171	7	23,912
6	Donk Bros. Coal & Coke Corp., No. 4.	3	1,460	2	1,455	16	20,556	16	24,641	9	13,887
7	Donk Bros. Coal & Coke Corp., No. 3.	8	9,703	14	19,387	16	22,435	17	24,602	5	7,048
8	Kerens-Donnewald Coal Co.	7	6,843	12	12,983	11	11,337	19	21,854	13	14,541
9	Lumaghi Coal Co., No. 3.	5	4,852	6	5,734	12	11,858	20	20,640	6	7,279
10	Abbey Coal Corp.	18	6,603	24	10,642	24	12,330	24	14,584	17	8,619
11	Madison County Mining Co.	10	5,659	17	11,006	16	9,510	18	10,273	14	7,474
12	New Castle Coal Co.	15	3,043	23	5,601	18	3,945	20	4,988	21	5,152
13	Bullock Mining Co.	20	2,169	20	4,188	20	3,840	20	3,840	20	3,811
14	Jay Coal Co.	18	2,434	13	1,821	11	1,591	20	2,760	15	2,196
15	East Side Coal Co., No. 1.	15	669	16	652	8	392	16	940	18	1,072
16	Edwardsville Coal Co., No. 3.	5	2,300	5	2,306						
17	Mizen Coal & Mining Co.										
Total and average.		10	182,572	13	275,685	14	306,949	18	427,570	14	285,317
MARION COUNTY—SEVENTH DISTRICT											
1	Marion County Coal Co.	10	20,603	11	26,518	12	25,150	15	35,467	11	23,285
2	Chicago-Sandoval Coal Co., No. 2.	6	8,389	13	19,436	12	18,474	18	26,630	16	23,353
3	Odin Coal Co.	16	14,521	23	21,346	24	22,048	26	22,160	20	17,735
Total and average.		11	43,513	16	67,300	16	65,672	20	84,257	16	64,373
CLINTON COUNTY—EIGHTH DISTRICT											
1	Southern Coal, Coke & Min'g Co. No.9	6	15,978	8	23,003	8	22,852	12	35,644	5	14,238
2	Breeze-Trenton Mining Co., Beck.	12	18,500	11	20,953	8	13,953	12	20,090	8	13,541
3	Breeze-Trenton Mining Co., E. M.	11	12,692	14	15,269	13	14,010	19	21,222	15	16,566
4	Breeze-Trenton Mining Co., N. M.	7	11,361	9	15,434	8	13,333	11	17,909	6	8,905
5	Consolidated Coal Co., W. M.	10	9,273	8	9,273	8	8,111	6	6,465	10	10,041
Total and average.		9	58,531	10	83,932	9	72,259	12	101,330	9	63,291
ST. CLAIR COUNTY—EIGHTH DISTRICT											
1	St. Louis & O'Fallon Coal Co., No 2.	15	46,619	13	41,646	14	44,850	18	57,398	19	58,550
2	Consolidated Coal Co., No. 17.	11	26,982	12	30,515	15	34,382	19	50,769	9	24,784
3	Perry Coal Co., St. Ellen.	11	25,339	14	33,846	12	28,477	18	40,578	18	41,986
4	Kolb Coal Co., No. 2.	15	21,569	13	21,935	18	34,718	22	41,807	8	13,966
5	Eldnar Coal Co., Eldnar.	21	20,760	25	27,918	20	23,665	25	26,913	25	26,511
6	St. Louis & O'Fallon Coal Co., No. 1.	13	18,752	13	19,500	14	20,553	17	26,030	19	28,593
7	Southern Coal, Coke & M. Co., No. 8.	7	16,841	8	19,864	7	16,674	11	26,886	8	18,794
8	Aluminum Ore Co.	15	15,538	12	12,890	15	15,911	20	20,902	19	20,496
9	Egyptian Coal & Mining Co.	12	19,879	9	13,010	13	13,073	20	23,537	14	19,235
10	Southern Coal, Coke & M. Co., No. 7.	8	14,774	7	12,819	6	10,439	11	18,911	9	14,795
11	Mulberry Hill Coal Co., No. 1.	10	10,362	15	17,487	10	13,038	18	22,429	6	8,202
12	O. K. Coal Co.	5	3,891	15	10,744	16	13,472	23	18,289	22	17,476
13	Perry Coal Co., Superior.	10	7,732	6	4,404	14	11,250	19	15,770	12	9,125
14	B. B. Coal & Mining Co.	9	5,865			12	9,042	21	16,950	14	11,598
15	Quality Coal & Mining Co.	16	10,991	10	7,182	12	8,728	23	18,946	10	7,525
16	Perry Coal Co., Carbon.	3	2,796	6	4,699	13	11,869	14	15,003	12	11,731
17	Southern Coal, Coke & M. Co., No. 6.	4	1,999	3	1,387	16	8,447	24	18,690	16	13,058
18	Star Coal & Mining Co.	8	6,400	13	10,400	17	13,600	20	16,000	9	7,200
19	Victoria Coal Co.	23	12,134	19	12,134	19	10,399	22	11,710	19	10,502
20	Groom Coal Co.	9	4,203	17	6,668	24	9,747	23	9,297	21	8,679
21	Perry Coal Co., Taylor.	4	3,953	4	3,813	9	9,772	12	14,430	10	11,084
22	Southern Coal, Coke & M. Co., No. 1.	4	2,384	12	8,081	7	5,038	6	4,926		
23	New Marissa Coal Co.					1	386	24	12,599	17	9,236
24	Kolb Coal Co., No. 1.	26	5,432	26	4,475	25	7,152	26	9,525	25	6,679

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
15	53,947 16	60,089 18	71,337 24	93,588										146	548,598	1
8	32,170 16	60,525 16	61,386 24	82,265										142	523,750	2
8	34,194 16	64,877 19	75,581 19	89,508										104	457,916	3
18	42,411 22	52,124 20	46,495 25	57,556										157	363,001	4
6	21,657 8	29,412 13	39,657 15	53,338										88	291,190	5
23	36,114 23	37,824 19	31,885 27	45,542										138	213,364	6
12	17,349 13	18,346 10	14,284 13	20,225										108	153,469	7
16	6,372 14	14,560 19	22,805 26	30,551										127	141,846	8
12	11,428 12	13,702 12	14,367 19	22,597										104	112,457	9
16	9,058 19	10,674 19	11,533 20	12,635										181	96,678	10
6	3,978 11	7,268 8	4,770 10	6,411										110	66,349	11
20	5,186 24	6,898 21	5,589 19	5,186										181	45,588	12
20	4,108 10	5,171 10	3,978 13	5,738										133	33,003	13
14	2,291 24	3,669 19	2,768 21	3,007										155	22,477	14
20	1,292 19	1,742 20	1,514 18	1,387										150	9,660	15
..	..	..	..	..										10	4,606	16
..	..	..	..	..										44	896	17
..	9	231	15	282	20	383										
14	281,555 16	387,112 16	408,231 20	529,857										122	3,084,848	
15	31,229 15	31,525 15	33,626 19	43,395										123	270,798	1
25	36,944 22	32,194 23	34,719 22	33,701										157	233,840	2
23	21,571 24	22,057 23	20,729 22	20,927										201	183,094	3
21	89,744 20	85,776 20	89,074 21	98,023										160	687,732	
4	11,449 8	22,550 10	28,230 19	49,362										80	223,306	1
7	11,112 11	18,013 12	18,959 11	17,852										92	152,973	2
15	16,957 15	16,773 14	15,530 19	20,980										135	149,999	3
5	7,629 9	15,661 11	17,856 13	18,533										79	126,621	4
6	6,549 19	17,890 18	18,668 17	17,892										94	94,889	5
7	53,696 12	90,887 13	99,243 16	124,619										96	747,788	
19	61,019 17	53,693 18	57,157 23	73,859										156	494,791	1
16	42,069 11	31,121 14	39,883 22	58,166										130	338,671	2
16	42,355 13	28,664 18	41,273 24	54,165										147	336,683	3
5	10,034 10	22,135 12	25,055 15	33,470										118	224,689	4
24	26,054 20	24,405 18	21,205 22	25,998										200	223,333	5
15	21,034 17	24,416 18	25,592 23	33,280										149	217,750	6
8	19,590 11	26,390 8	18,384 17	40,415										85	203,838	7
18	20,000 23	25,254 24	26,009 27	30,301										175	187,301	8
14	19,908 14	20,128 13	15,329 12	17,382										121	161,481	9
9	15,831 11	19,897 7	13,120 17	31,257										85	151,843	10
5	6,945 11	14,510 13	16,966 14	20,772										102	130,711	11
18	14,341 23	18,375 13	11,755 15	13,056										150	121,399	12
19	14,866 25	19,457 24	18,283 25	19,536										154	120,423	13
22	19,215 23	18,698 19	15,276 26	23,473										146	120,117	14
13	10,394 17	13,531 12	9,574 20	16,083										133	102,954	15
7	7,357 12	11,171 19	18,595 20	19,389										106	102,610	16
14	12,064 22	18,404 17	14,539 12	9,714										128	98,302	17
8	6,400 12	9,600 12	9,600 20	16,000										119	95,200	18
23	12,110 22	12,467 17	9,430 25	13,645										170	92,397	19
24	10,528 25	11,495 24	10,929 26	12,986										193	84,532	20
5	6,587 5	5,428 5	5,059 18	17,469										72	77,595	21
9	6,261 16	11,233 22	15,660 24	17,290										100	70,873	22
18	10,567 23	13,550 13	8,078 15	9,715										111	64,131	23
26	5,482 26	6,572 24	6,065 24	7,469										228	58,851	24

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
25	Golden Rule Coal Co.	9	4,105	11	5,199	14	6,028	19	9,755	10	4,918
26	New National Coal & Mining Co.	12	5,838	23	12,680	6	2,838	15	8,976	5	2,484
27	Ell-Rich Mining Co. ....	.....	4	2,065	13	7,856	19	12,900	15	10,774	
28	Kolb Coal Co., No. 2.	10	4,789	8	4,191	12	6,105	23	10,962	9	4,620
29	Glendale Coal & Mining Co.	13	5,987	8	3,796	12	5,935	16	6,965	9	4,205
30	Peoples Coal Co.	5	1,868	6	3,790	7	3,139	13	7,960	13	6,679
31	General C. & M. Co.	3	2,978	13	3,040	13	5,804	13	7,577	14	5,599
32	Fallon Coal Mines Co., No. 1. ....	.....	19	2,722	23	7,609	17	3,181	20	5,319	
33	Aloys Gunalach.	18	3,216	24	4,702	16	3,214	11	2,206	14	2,485
34	Summit Coal & Mining Co. ....	.....	9	2,319	8	2,937	20	8,250	14	6,062	
35	L. & N. Coal & Mining Co. ....	.....	.....	.....	7	1,130	10	2,054	13	3,690	
36	Perry Coal Co., Pittsburg.	3	506	11	2,340	13	2,920	23	5,056	17	3,737
37	Jones Bros. Coal & Mining Co., No. 1. ....	.....	.....	.....	.....	.....	20	7,291	11	5,063	
38	Suburban Coal Co.	14	6,830	24	11,959	.....	.....	.....	.....	.....	.....
39	Columbia Collieries Co., Columbia. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Perry Coal Co., S. B.	4	929	9	2,280	9	2,332	12	2,967	7	1,527
41	Guest Coal Co. ....	.....	.....	.....	.....	.....	25	2,180	25	1,679	
42	Premier Coal Co.	25	466	17	2,307	12	1,668	17	2,323	14	1,961
43	Columbia Collieries Co., N. L. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Liberty Coal Co. ....	.....	.....	.....	5	1,783	8	3,019	5	2,466	
45	Abend Coal Co. ....	.....	3	27	3	57	2	20	5	972	
46	Columbia Collieries Co., N. F. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Missouri & Illinois Coal Co. ....	.....	.....	.....	.....	.....	1	150	14	2,815	
Total and average.		11	330,573	13	388,834	13	435,941	18	642,087	14	476,860
JACKSON COUNTY—NINTH DISTRICT											
1	Union Colliery Co., Kath.	9	23,653	11	32,259	12	36,859	19	58,237	12	34,321
2	Jackson Coal Co.	9	17,323	12	23,862	12	23,807	14	27,393	9	16,114
3	Consolidated Coal Co., No. 10.	19	4,213	25	11,865	22	12,839	20	13,069	18	11,544
4	Consolidated Coal Co., No. 9.	25	24,499	27	26,659	21	19,054	20	20,939	15	15,200
5	Western United Gas Coal Co., No. 2.	20	6,103	24	7,582	21	6,791	22	7,841	22	7,716
6	Gartside Coal Co., No. 4.	12	4,426	15	5,450	17	6,085	24	7,553	22	6,238
7	Midway Coal Mining Co., Ward. ....	.....	.....	5	868	2	441	4	1,631	8	3,410
8	Jackson Peacock Coal Co.	28	1,975	20	1,000	25	1,300	20	1,000	20	1,000
9	Doran Coal Co. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total and average.		16	82,192	17	109,545	17	107,176	18	137,663	16	95,543
PERRY COUNTY—NINTH DISTRICT											
1	Equitable Coal & Coke Co., Maj.	7	18,887	12	32,419	15	40,740	23	63,299	10	25,920
2	Paradise Coal Co.	12	28,463	21	50,737	21	46,092	22	48,434	11	25,255
3	Security Coal & Mining Co.	7	16,075	9	21,274	10	24,500	13	31,839	5	11,834
4	Southern Gem Coal Corp., No. 5.	19	17,295	25	24,449	17	15,805	22	21,546	16	14,992
5	Jewell Coal & Mining Co., No. 1.	12	10,747	25	25,501	23	20,586	20	20,161	8	9,205
6	Willis Coal & Mining Co., No. 8.	16	16,429	14	16,445	14	17,158	17	17,327	14	16,210
7	Willis Coal & Mining Co., No. 1.	14	9,676	13	9,489	14	9,444	14	9,258	18	11,245
8	Southern Gem Coal Corp., No. 7.	23	6,890	27	10,394	16	7,726	21	11,479	14	6,845
9	Scott-Smith Coal Co.	10	3,288	20	6,844	10	6,382	20	18,564	10	9,198
10	Victory Collieries Co., No. 1.	16	10,262	16	11,780	7	5,321	11	8,097	10	7,402
11	Southern Gem Coal Corp., No. 10. ....	.....	.....	.....	6	3,337	21	18,017	5	8,010	
12	Columbia Col. Co., B. E. ....	.....	.....	.....	2	63	7	487	14	7,399	
13	Jewell Coal Co., No. 2.	13	1,641	12	1,637	23	6,368	21	11,161	6	3,833
14	Victory Coal Mining Co., Vic.	8	3,145	10	4,012	15	6,351	.....	.....	18	7,223
15	Bailey Bros. Coal Co., No. 1.	13	1,476	18	2,077	21	2,970	17	2,458	19	2,773
16	Tamaroa-L. Muddy Coal Co., L. M. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Wilson Coal & Mining Co. ....	.....	.....	.....	.....	.....	.....	.....	.....	6	226
Total and average.		13	144,274	17	217,058	14	212,843	18	282,127	11	167,570
RANDOLPH COUNTY—NINTH DISTRICT											
1	Moffat Coal Co., No. 1.	19	44,495	22	54,925	19	47,963	19	47,645	21	53,139
2	Willis Coal & Mining Co., No. 6.	15	25,699	15	26,251	16	27,565	18	29,807	19	31,979

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
10	5,513 15	7,560 11	6,928 11	6,529	7,952									110	56,535	25
4	1,948 14	7,556 11	5,667 14	7,952	6,924									104	55,939	26
1	1,040 12	8,145 4	2,802 10	6,924	7,854									78	52,506	27
8	3,462 10	5,076 8	4,070 16	7,854	8,777									104	51,129	28
7	3,386 14	6,502 12	5,558 18	8,777	6,606									109	51,111	29
12	6,899 12	6,884 13	6,578 10	6,606	5,357									91	50,403	30
14	4,416 14	4,656 14	4,076 14	5,357	9,774									122	43,503	31
12	3,986 11	2,905 10	3,740 22	9,774	5,760									134	39,236	32
24	4,601 25	5,185 24	5,192 26	5,760	7,326									182	36,561	33
2	764 10	4,231 3	2,246 19	7,326	6,772									85	34,135	34
16	5,252 18	6,692 16	5,739 22	6,772	4,899									102	31,329	35
14	2,868 15	2,869 14	3,147 19	4,899	4,238									129	28,342	36
4	1,883 12	4,142 10	3,580 13	4,238	3,989									70	26,197	37
.....	4	1,042 11	3,989	8,114	2,747									53	23,820	38
.....	13	7,697 7	4,081 13	8,114	2,747									33	19,892	39
12	2,053 15	1,612 13	1,638 20	2,747	1,321									101	18,085	40
25	2,000 25	5,075 25	524 25	1,321	2,604									150	12,779	41
1	115 20	2,604	3,989	5,487	3,708									106	11,444	42
.....	12	3,708 6	2,180 15	5,487	250									33	11,375	43
.....	2	250	2,020 13	2,059	900									18	7,518	44
1	109 5	900 11	2,020 13	2,059	520									43	6,164	45
.....	16	3,178 9	1,817 4	704	400									29	5,699	46
.....	.....	.....	2	350	.....									17	3,315	47
11	471,305 18	559,064 14	528,388 19	724,440										112	4,557,492	
11	36,103 12	43,330 14	46,919 21	70,292										121	381,973	1
9	17,579 11	20,610 10	18,804 9	16,836										95	182,328	2
23	15,447 25	17,537 22	14,020 24	16,858										198	117,392	3
.....	.....	.....	.....	.....										108	106,351	4
25	9,139 25	9,078 23	8,224 25	8,270										207	70,744	5
19	5,741 25	7,529 15	4,289 18	5,530										167	52,841	6
3	1,223 4	1,401 4	1,726 16	7,978										4	18,678	7
16	520 27	1,200 19	200 21	1,000										196	9,195	8
.....	20	400 20	500 20	600										60	1,500	9
15	85,752 19	101,085 16	94,682 19	127,364										133	941,002	
13	39,125 14	40,389 16	48,171 22	69,054										132	378,004	1
10	22,802 16	36,046 14	31,952 16	36,656										143	326,437	2
9	20,344 13	30,337 10	26,153 15	32,577										91	214,933	3
16	15,342 21	20,321 20	19,005 22	21,277										178	170,032	4
7	7,734 18	18,050 19	19,071 25	26,074										157	157,129	5
20	19,557 6	6,263 8	6,587 19	19,103										128	135,079	6
19	13,090 19	15,257 24	19,698 23	17,002										158	114,150	7
15	7,614 21	11,860 18	10,818 24	15,923										179	89,548	8
10	4,853 10	14,373 20	11,833 13	7,221										123	82,556	9
9	6,479 12	9,959 10	8,191 14	11,687										105	79,178	10
5	6,082 17	14,522 14	12,048 17	14,148										85	76,164	11
19	15,046 24	19,769 20	15,801 20	17,063										106	75,628	12
6	3,031 9	5,757 15	11,636 25	18,110										130	63,174	13
16	6,559 17	6,701 12	5,060 22	9,636										118	48,687	14
16	3,186 19	4,039 15	2,331 18	3,497										156	24,807	15
.....	8	1,427 21	5,747 23	8,756										52	15,930	16
12	643 19	1,511 16	1,644 23	2,343										76	6,367	17
13	191,487 16	256,581 16	255,746 20	330,127										125	2,057,813	
19	51,788 17	47,046 10	29,239 7	20,404										153	396,644	1
20	32,336 19	30,109 22	36,264 23	37,914										167	277,924	2

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
3	Madison Coal Corp., Crystal.....					27	2,146 27	32,696 28	44,066		
4	Illinois Fuel Co., No. 4.....	18	19,928 22	23,494 14	14,772 17			18,823 17	18,299		
5	Perry Coal Co., Perry.....	6	6,329 12	12,577 14	17,015 18			24,068 8	12,505		
6	St. Louis Coal Co.....	20	13,915 21	14,242 23	13,969 22			15,846 10	8,281		
7	Jones Bros. Coal & Mining Co., No. 2.....	15	11,433 19	17,348 18	14,083 20			12,800 12	8,847		
8	Randolph County Coal Co., No. 2.....	21	7,834 22	9,286 13	5,077 19			7,942 17	8,544		
9	Willis Coal & Mining Co., No. 9.....						12	3,586 11	3,171		
10	Willis Coal & Mining Co., No. 7.....										
	Total and average.....	16	129,633 19	158,123 18	142,590 19			193,213 16	188,831		
WASHINGTON COUNTY—NINTH DISTRICT											
1	Centralia Coal Co., No. 5.....	24	69,087 26	75,189 24	69,360 25			74,103 25	70,427		
2	Nashville Mining Co.....	20	4,200 16	3,800 18	4,225 20			4,350 18	3,825		
3	Kuhn Coalery Co.....						10	1,800 7	1,105		
	Total and average.....	22	73,287 21	78,989 21	73,585 18			80,253 17	75,357		
FRANKLIN COUNTY—TENTH DISTRICT											
1	C. W. & F. Coal Co., Orient.....	13	68,626 23	129,727 23	129,935 26			144,576 24	129,779		
2	Bell & Zoller Mining Co., No. 1.....	15	64,495 27	133,653 24	123,392 23			135,741 24	128,207		
3	Western Coal & Mining Co., No. 2.....	21	61,093 25	73,545 23	63,585 25			68,388 21	59,198		
4	Bell & Zoller Mining Co., No. 2.....	18	43,886 14	35,777 21	48,685 17			47,998 19	60,985		
5	Franklin Coal & Coke Co., No. 1.....	13	41,208 20	58,436 17	53,320 59			63,606 18	52,745		
6	Old Ben Coal Corp., No. 11.....	12	45,787 14	55,481 14	54,959 19			73,890 15	58,234		
7	Old Ben Coal Corp., No. 8.....	6	29,358 10	51,053 12	64,491 15			82,568 12	63,422		
8	Old Ben Coal Corp., No. 9.....	8	39,809 13	63,503 12	58,365 14			76,037 9	44,060		
9	Southern Gem Coal Corp., No. 1.....	12	34,237 11	33,734 16	50,930 19			60,090 14	43,498		
10	Franklin County Mining Co.....	14	29,813 17	42,690 13	33,602 20			52,141 15	43,673		
11	United States Fuel Co.....	8	27,536 12	39,262 10	29,228 11			34,128 15	48,299		
12	Valier Coal Co., No. 1.....	5	18,601 3	11,051 10	35,552 13			48,491 14	52,546		
13	Old Ben Coal Corp., No. 14.....	8	21,801 12	35,471 13	41,944 18			59,792 10	31,775		
14	Southern Gem Coal Corp., No. 2.....	13	35,923 12	35,794 6	16,291 20			46,747 11	29,909		
15	Taylor Coal Co., No. 5.....	16	26,977 17	31,065 20	38,225 23			41,381 14	26,238		
16	Old Ben Coal Corp., No. 10.....	10	24,704 13	33,537 13	33,223 17			49,228 15	40,491		
17	Benton Coal Mining Co., No. 1.....	17	14,619 16	21,186 13	23,391 11			33,292 8	36,545		
18	Black Star Coal Co.....	11	20,505 11	22,353 12	23,500 12			24,251 14	27,691		
19	Old Ben Coal Corp., No. 16.....	6	10,839 12	21,438 11	22,099 14			28,036 6	13,445		
20	By-Products Coke Corp., No. 18.....	14	21,594 25	41,003 22	37,737 26			40,402 15	22,704		
21	Old Ben Coal Corp., No. 12.....	8	18,306 11	27,304 12	31,980 17			41,046 11	30,571		
22	Benton Coal Mining Co., No. 2.....	9	12,430 13	18,513 13	18,217 18			27,755 18	28,871		
23	Old Ben Coal Corp., No. 15.....	6	5,572 12	17,800 10	19,027 13			27,628 11	23,919		
24	Old Ben Coal Corp., No. 19.....	4	5,575 10	13,689 10	12,781 12			17,575 5	8,074		
25	By-Products Coke Corp., No. 19.....								12	14,062	
	Total and average.....	11	723,294 14	1,047,070 14	1,064,533 18			1,324,787 14	1,118,941		
GALLATIN COUNTY—ELEVENTH DISTRICT											
1	Hickory Hill Coal Co.....	18	14,134 25	18,642 19	13,605 22			15,880			
SALINE COUNTY—ELEVENTH DISTRICT											
1	Harrisburg Colliery Co., Harco.....	25	68,068 26	70,136 8	18,742 25			72,332 24	70,851		
2	Big Creek Coals, Inc., No. 3.....	18	41,932 26	66,216 18	52,018 23			65,178 13	37,804		
3	Wasson Coal Co., No. 1.....	9	21,394 18	45,431 16	39,463 19			48,707 12	30,038		
4	Southern Counties Coal Co., No. 20.....	25	30,203 26	33,984 24	29,408 24			33,833 24	35,596		
5	O'Gara Coal Co., No. 1.....	9	19,928 17	38,606 20	40,096 24			55,698 15	35,393		
6	Big Creek Coals, Inc., No. 2.....				20		30,462 23	44,971 12	23,480		
7	O'Gara Coal Co., No. 10.....	4	6,436 19	27,093 23	31,656 23			30,184 16	21,344		
8	J. K. Dering Coal Co., No. 2.....	6	9,400 10	16,426 13	20,800 19			33,538 11	20,316		
9	O'Gara Coal Co., No. 3.....	9	16,991 14	31,166 9	16,927 15			30,329 7	13,472		
10	O'Gara Coal Co., No. 8.....	9	12,539 18	25,449 22	31,690 23			32,216 14	19,660		

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
28	42,032	10	49,840	10	40,803	11	44,649							141	256,232	3
11	12,317	10	11,228	16	18,069	24	27,063							149	163,993	4
14	17,239	18	24,886	18	26,226	14	20,756							122	161,601	5
9	7,535	11	10,220	12	10,488	15	14,516							143	109,012	6
10	7,019	15	10,788	13	8,507	18	13,417							140	104,242	7
19	9,216	8	4,616	2	952									121	53,467	8
4	1,318	6	2,669	19	7,457	20	8,273							72	26,474	9
1	73	3	256	1	98	10	1,279							15	1,706	10
14	180,873	12	191,658	12	178,103	16	188,271							122	1,551,295	
25	76,041	24	76,462	24	74,946	27	83,402							224	669,017	1
16	3,750	20	5,250	18	4,900	20	5,100							166	39,400	2
														17	2,905	3
21	79,791	22	81,712	21	79,846	24	88,502							136	711,322	
17	91,375	20	118,423	23	130,307	27	162,054							196	1,104,802	1
16	87,116	21	114,165	22	127,680	27	164,085							199	1,078,534	2
25	73,733	25	79,057	23	70,267	27	84,367							215	633,233	3
12	36,976	21	83,421	20	80,872	25	113,057							167	551,657	4
16	39,561	22	66,897	24	80,690	26	94,166							176	550,703	5
11	43,700	15	63,003	17	69,633	18	72,668							135	537,355	6
17	37,341	12	65,087	10	55,223	15	82,813							99	531,356	7
17	36,312	10	54,245	10	53,844	12	68,653							95	494,833	8
17	53,161	20	64,746	21	65,217	25	75,659							155	481,272	9
20	53,778	21	59,079	19	56,869	19	58,876							158	430,521	10
12	39,281	14	47,046	19	69,769	25	85,300							126	419,849	11
14	55,934	6	27,110	5	16,347	27	125,715							97	391,347	12
9	29,222	21	74,565	15	57,876	8	29,386							114	381,832	13
9	25,122	13	36,078	12	37,065	21	67,747							117	330,676	14
14	29,582	16	35,208	20	45,308	20	46,281							160	320,265	15
10	26,900	15	40,324	13	33,557	14	35,834							120	317,798	16
16	22,497	14	34,831	15	41,414	26	71,513							136	299,288	17
16	32,070	19	36,822	21	41,663	19	36,887							135	265,742	18
7	12,018	7	13,311	14	35,929	17	46,364							94	203,479	19
5	7,956													107	171,396	20
8	20,758													67	169,965	21
9	15,224	3	3,344											83	124,354	22
9	21,081													61	115,027	23
5	6,171	5	5,837											51	69,702	24
6	10,869													18	24,931	25
12	907,738	15	1122,599	17	1169,530	21	1521,425							123	9999,917	
														84	62,261	1
25	75,651	25	76,884	22	64,715	24	73,007							204	590,386	1
17	51,584	21	61,821	24	71,906	23	73,811							183	522,270	2
12	31,530	15	40,982	16	41,157	20	53,502							137	352,204	3
26	40,694	25	39,949	23	36,996	27	42,889							224	323,552	4
10	23,515	13	31,824	18	38,546	16	37,934							142	321,540	5
17	33,667	21	38,767	22	44,053	26	52,708							141	268,108	6
20	28,950	19	29,109	24	39,641	25	41,054							173	255,467	7
8	15,339	13	27,558	24	50,901	20	42,548							124	236,826	8
11	21,815	10	21,107	12	29,453	25	51,562							112	232,822	9
9	12,845	14	21,655	15	21,581	22	31,111							146	208,746	10

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
11	O'Gara Coal Co., No. 11	11	10,837	18	23,342	21	24,634	17	20,015		
12	O'Gara Coal Co., No. 15			17	24,169	17	32,452	13	24,980		
13	Harrisburg Coal Mining Co.	11	7,682	18	13,216	22	13,611	23	16,093	14	10,815
14	O'Gara Coal Co., No. 12	10	10,647	15	17,369	14	13,213				
15	Saline Gas Coal Co., No. 1	3	1,250	6	2,662	11	4,561	17	8,208	12	5,651
16	Wasson Coal Co., No. 2							7	7,754	2	2,428
17	Heato Coal Co., No. 1	20	3,335	20	3,333	20	3,333	20	3,333	20	3,333
18	Dodds Coal Co., No. 1	4	1,333	5	1,591	8	2,295	13	3,759	9	2,908
	Total and average	12	251,138	17	403,515	17	395,786	20	543,219	14	378,084
WHITE COUNTY—ELEVENTH DISTRICT											
1	White County Mining Co.	11	9,776	12	10,576	14	12,814	18	16,717	8	6,620
WILLIAMSON COUNTY—TWELFTH DISTRICT											
1	Madison Coal Corp., No. 9	12	35,741	16	52,851	11	36,287	21	71,882	24	74,824
2	Peabody Coal Co., No. 3	20	48,012	24	64,648	20	54,099	25	68,251	25	59,506
3	Consolidated Coal Co., No. 7	13	33,003	22	54,572	19	48,316	20	50,648	15	38,608
4	C. W. & F. Mining Co., "A"	9	23,564	11	30,753	11	31,435	17	48,436	19	57,182
5	Big Muddy Coal Co., No. 26	17	31,654	19	40,491	21	46,092	25	51,189	22	45,639
6	Pratt Bros., Jeff.	17	35,438	20	38,950	17	34,858	19	40,873	20	40,243
7	Consolidated Coal Co., No. 8	8	18,143	8	21,342	11	26,402	20	50,044	13	33,972
8	Freeman Coal Mining Co.	20	36,079	18	32,808	18	34,177	24	40,540	12	22,592
9	West Virginia Coal Co., No. 1	21	35,133	22	37,301	16	27,037	23	39,701	19	33,086
10	Ernest Coal Co., No. 1	10	28,736	10	32,879	9	27,677	14	46,496	9	29,766
11	Madison Coal Corp., No. 8	18	27,443	19	29,088	20	31,345	25	38,788	24	32,671
12	Consolidated Coal Co., L. C.	5	11,750	6	13,153	9	20,044	16	39,130	6	15,715
13	Searles Coal Co.	12	24,576	15	27,990	16	26,348	20	36,925	11	21,206
14	Federal Coal Co., No. 25	13	18,944	25	40,600	24	37,294	23	34,489	13	20,686
15	Old Ben Coal Corp., No. 18	10	20,177	8	19,878	12	32,598	12	38,880	11	32,679
16	St. Louis Coal & Iron Co.	17	22,069	9	11,725	7	7,849	19	22,298	12	14,822
17	Scranton Coal Mining Co.	8	10,813	14	18,472	16	21,789	20	27,944	17	23,763
18	Henderson-Wallace Coal Co.	20	24,101	19	19,487	18	19,426	17	22,421	16	21,022
19	Madison Coal Corp., No. 12	25	13,681	26	14,960	24	13,743	26	16,323	24	25,396
20	Taylor Coal Co., No. 2	9	12,537	14	18,548	14	16,779	16	20,871	14	18,973
21	Slogo Coal Corp.	19	21,121	26	32,250	17	22,525	19	21,834	11	13,061
22	Johnston City Washed Coal Co.							20	35,848	13	22,695
23	Sandford Coal Co.	21	9,332	20	8,613	15	7,572	21	16,701	12	11,278
24	Chicago Big Muddy Coal & M. Co.	12	12,530	12	14,388	12	11,628	19	22,075	14	15,328
25	Old Ben Coal Corp., No. 20	8	12,029	9	14,822	8	13,208	13	23,252	8	13,041
26	Cameron Coal Co.	10	7,912	10	11,376	10	10,428	10	15,442	10	12,436
27	Old Ben Coal Corp., No. 17	7	15,149	8	18,232	11	25,988	15	38,687	9	21,375
28	Sunnyside Mining Co.							1	4,250	12	30,641
29	Orchard Coal Co.	12	10,137	17	14,887	19	15,597	23	22,770	11	10,452
30	Sincerity Coal Co.							17	16,721	18	22,374
31	Binkley Coal Co., No. 1	13	6,515	20	11,593	21	10,852	24	13,952	23	14,294
32	Taylor Coal Co., No. 3	9	8,962	10	10,716	14	13,854	18	18,585	12	11,762
33	Hoper-washed Coal Co.	9	8,359	9	8,383	16	6,277	14	13,412	8	8,055
34	Ernest Coal Co., No. 2	9	11,157	16	19,385	8	10,581	13	20,717	9	13,784
35	Southern Illinois Coal Co.									15	5,000
36	Carterville & Big Muddy C. Co., John's	5	3,873	10	3,766	14	13,926	18	17,260	12	11,977
37	Taylor Coal Co., No. 1	1	757					1	409	7	7,623
38	C. W. & F. Mining Co., "B"	9	14,308	12	19,029	12	20,773	3	4,544		
39	Sunrise Coal Co.	6	793	19	2,978	6	1,619	13	3,988	11	3,702
40	New Prosperity Coal Co., No. 1	21	1,864	19	1,822	20	1,943	22	2,167	20	1,903
41	Coal Belt Coal Co.	22	4,735	3	37	4	77	20	4,556	14	1,930
42	Hampton Coal Co., No. 1	20	1,250	22	1,325	23	1,495	24	1,415	22	1,450
43	Duncan Coal Co., Dale	20	3,997	20	3,643	15	2,192				
44	Leah Coal Co., No. 1			8	509	20	2,556	20	3,223	12	1,327
45	Watson Coal Co., No. 2	8	2,499	8	1,617	8	1,481	13	3,505	4	971
46	Carterville Black Diamond Coal Co.					6	190	3	87		
47	Herrin & Big Muddy Coal Co.	8	90	16	220	18	300	24	350	20	310
48	Carterville Fuel Co.							7	482		
49	Vulcan Coal Co.										
50	Watson Coal Co., No. 3			23	186	16	194	22	207	24	209
	Total and average	13	668,963	16	820,273	15	788,851	17	1,128,568	10	910,329

Concluded.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
26	32,617	21	26,359	22	29,741	26	31,062							162	198,607	11
12	23,760	8	16,431	12	23,881	16	30,671							95	176,354	12
19	15,546	25	20,893	18	17,196	25	25,718							175	140,770	13
8	3,346	10	5,210	20	4,784	23	4,427							39	41,229	14
4	3,701	2	2,229	4	4,389	10	11,901							110	40,099	15
20	3,333	10	3,000	10	3,000	10	3,000							29	32,402	16
6	2,351	7	2,781	8	2,701	11	3,756							150	29,000	17
15	420,254	15	466,559	17	524,641	20	610,661							134	3,993,857	
6	5,166	6	5,240	9	7,914	7	6,184							91	81,007	1
22	70,990	23	76,003	21	67,230	26	84,857							176	570,665	1
11	33,098	25	75,851	23	71,637	26	83,043							199	558,145	2
19	49,323	22	56,953	23	59,787	27	73,750							180	464,960	3
15	43,402	17	53,853	19	58,124	27	82,690							145	429,439	4
14	29,816	20	43,833	24	50,856	24	53,179							186	392,749	5
17	32,147	18	32,236	20	41,108	27	55,091							175	350,944	6
15	41,613	9	24,763	13	36,473	23	71,105							120	323,857	7
13	25,996	22	41,130	24	44,243	27	50,415							178	327,980	8
18	33,148	20	37,680	17	31,815	23	45,619							179	320,520	9
7	25,369	12	33,808	12	30,865	19	57,260							102	312,856	10
24	33,697	24	36,984	21	32,217	27	41,787							202	300,020	11
8	20,740	14	36,300	22	55,890	25	71,370							111	284,092	12
13	25,551	16	34,820	15	33,789	21	50,395							139	281,600	13
15	23,628	17	25,713	24	39,179	22	37,951							176	278,484	14
7	22,295	8	29,308	10	35,784	10	39,734							88	271,333	15
23	28,249	26	39,992	24	39,401	26	42,599							163	229,004	16
12	16,181	13	17,257	20	24,888	26	45,172							146	206,279	17
25	21,802	15	16,999	14	18,250	14	21,252							149	184,760	18
26	27,326	26	23,882	20	22,846	24	25,935							220	184,092	19
13	16,917	17	22,594	16	20,581	24	31,674							137	179,474	20
13	12,528	11	10,220	18	21,696	14	13,521							148	168,756	21
11	19,765	15	24,368	12	21,362	24	43,918							95	167,956	22
6	7,281	16	21,563	21	32,916	26	45,560							158	160,816	23
12	13,552	13	15,398	18	21,935	24	28,517							136	155,351	24
6	8,037	10	17,746	10	20,130	10	20,735							82	143,000	25
10	15,505	12	19,013	10	18,292	12	20,316							94	130,720	26
5	10,556													55	129,987	27
16	42,063	7	21,041	6	13,407	6	17,153							48	128,555	28
10	7,361	12	10,610	10	9,845	24	23,612							138	125,271	29
15	18,093	18	23,440	17	25,582	8	11,343							93	117,553	30
18	12,167	20	12,771	19	12,273	22	14,460							180	108,877	31
10	9,759	13	13,331	9	9,000	3	2,504							98	98,473	32
9	7,590	6	6,828	8	9,024	18	20,713							97	88,641	33
4	8,643	3	3,946											62	88,213	34
20	18,000	20	17,000	20	20,000	22	21,000					5	3,500	102	84,500	35
7	5,892	11	9,511	10	8,935	3	1,894							90	77,034	36
10	10,272	14	13,361	14	13,820	20	19,561							67	65,803	37
7	2,421	15	5,843	15	5,712	9	3,374							36	58,654	38
17	2,821	23	3,590	21	3,260	12	2,189							101	30,430	39
13	1,708	1	31	4	7,321	22	5,929							175	21,559	40
24	1,550	25	1,580	21	1,550	25	1,450							104	19,734	41
4	386	4	491	5	624	10	1,232							206	13,065	42
19	2,957													78	12,565	43
19	902	8	489		25	1,443								79	10,572	44
18	300	24	410	22	360	22	360							41	10,073	45
15			620	22	810	11	430							61	3,111	46
25	373	15	229	10	145									172	2,700	47
13	861,776	16	1013,389	16	1085,372	19	1387,999					5	3,500	20	2,389	48
														48	1,860	49
														135	1,543	50

TABLE 9—SUMMARY

Average days worked by the mines in operation												
District	July		August		September		October		November		December	
	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
First.....	11	109,616	13	130,260	12	116,535	12	150,677	13	142,040	11	128,140
Second.....	17	127,927	20	159,358	18	171,146	22	218,889	18	197,145	17	203,676
Third.....	12	70,771	15	122,039	13	121,617	20	175,829	16	122,848	16	113,994
Fourth.....	16	432,465	14	527,169	16	621,821	23	776,482	17	643,354	16	608,337
Fifth.....	14	438,758	17	507,313	16	520,002	17	663,143	16	621,720	15	654,144
Sixth.....	13	558,219	14	692,642	13	678,846	16	952,971	16	941,703	16	763,925
Seventh.....	10	237,910	13	361,761	14	393,195	18	549,887	14	363,168	14	385,919
Eighth.....	11	389,104	12	472,766	11	508,200	16	743,417	13	540,151	10	525,001
Ninth.....	17	429,386	18	563,715	18	536,194	18	693,256	15	527,301	15	537,903
Tenth.....	11	723,294	14	1,047,070	14	1,064,533	18	1,324,787	14	1,118,941	12	907,738
Eleventh.....	12	273,048	17	432,733	17	422,205	20	575,816	14	384,704	15	425,420
Twelfth.....	13	668,963	16	820,273	15	788,851	17	1,128,568	19	919,329	13	861,770
The State.....	12	4,461,461	15	5,837,099	15	5,943,145	17	7,953,722	15	6,137,700	14	6,500,671

TABLE 10—NUMBER OF MINES IN OPERATION

District	July		August		September		October		November		December	
	Total number of mines	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working
First.....	19	19	11	19	13	18	12	18	13	18	12	18
Second.....	23	18	17	19	20	20	18	20	22	21	18	22
Third.....	21	12	12	16	15	13	13	19	20	18	16	18
Fourth.....	29	24	16	24	14	26	16	29	23	29	17	29
Fifth.....	31	24	12	24	17	24	16	26	17	28	16	27
Sixth.....	22	21	13	21	14	22	13	21	16	21	16	21
Seventh.....	21	18	10	20	13	19	14	19	19	13	19	14
Eighth.....	52	37	11	42	12	45	11	48	16	47	13	46
Ninth.....	39	30	17	30	18	33	18	34	18	36	14	35
Tenth.....	25	24	11	24	14	24	14	24	18	25	14	25
Eleventh.....	20	16	12	17	17	19	17	19	20	18	14	18
Twelfth.....	50	41	13	42	16	43	15	48	17	45	14	46
The State.....	352	284	12	298	15	312	15	325	17	325	15	324

BY DISTRICTS.

and total tons of coal mined each month

January		February		March		April		May		June		Total		District	
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons		
14	150,893	14	141,362	20	216,570	12	4,557	14	5,307	13	4,919	112	1,300,876	First	
20	232,386	18	242,468	24	299,473	10	1,765	14	2,001	11	1,362	152	1,857,596	Second	
17	132,429	16	127,984	24	215,721	10	165	18	3,981	21	4,125	125	1,211,503	Third	
20	787,844	19	820,414	22	986,987								157	6,204,873	Fourth
18	741,864	18	811,591	20	955,192	22	20,774	16	15,099	12	19,828	129	5,969,428	Fifth	
16	831,354	18	876,464	24	1,221,148								127	7,517,272	Sixth
16	492,963	16	519,737	20	657,237								127	3,961,777	Seventh
17	649,951	14	627,631	18	849,059								111	5,305,280	Eighth
17	631,036	16	608,377	19	734,264								127	5,261,432	Ninth
15	1,122,599	17	1,169,530	21	1,521,425								123	9,999,917	Tenth
15	471,799	17	532,555	20	616,845								130	4,137,125	Elev'th
16	1,013,389	16	1,086,372	19	1,387,999					5	3,500	123	8,679,014	Twelfth	
16	7,258,507	17	7,564,485	20	9,661,920	13	27,261	16	26,388	15	33,734	127	61,406,093	State	

AND DAYS WORKED EACH MONTH OF THE YEAR.

January		February		March		April		May		June		District	
Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked		
18	14	17	14	16	20	1	12	1	14	1	13		First
22	20	22	18	22	24	2	10	2	14	2	11		Second
16	17	16	16	17	24	1	10	4	18	3	21		Third
27	20	27	19	27	22								Fourth
26	18	26	18	25	20	1	22	1	16	2	12		Fifth
19	16	17	18	17	24								Sixth
20	16	20	17	20	19								Seventh
51	17	49	14	49	18								Eighth
37	17	37	16	36	19								Ninth
21	15	19	17	19	21								Tenth
18	15	18	17	18	20								Eleventh
45	16	43	16	45	19					1	5		Twelfth
320	16	311	17	311	20	5	13	8	16	9	15		The State

TABLE 11—CLASSIFICATION OF MINE

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
BUREAU COUNTY—FIRST DISTRICT															
1	Springvalley Coal Co., No. 3....	Springvalley....	2	29	2	1	2	1	.....	357	.....	.....	.....	.....	.....
2	Ill. Third Vein Coal Co., No. 1....	Ladd.....	2	24	1	1	1	.....	60	127	2	4	2	2	.....
3	Springvalley Coal Co., No. 1....	Springvalley....	2	22	2	1	2	1	.....	267	4	.....	.....	.....	.....
4	Springvalley Coal Co., No. 5....	Dalzell.....	2	21	2	1	2	1	.....	260	4	.....	.....	.....	.....
5	St. Paul Coal Co., No. 2.....	Cherry.....	2	18	1	.....	.....	3	.....	203	.....	.....	.....	1	.....
Total.....			10	114	8	4	7	7	60	1,214	10	4	2	3	...
GRUNDY COUNTY—FIRST DISTRICT															
1	C., Wilm. & F. Coal Co., No. 3....	So. Wilmington	5	30	1	.....	2	2	.....	267	.....	.....	.....	.....	.....
2	Wilmington Star Coal Co., No. 7	Coal City.....	1	12	.....	.....	1	1	.....	82	.....	.....	.....	1	.....
Total.....			6	42	1	.....	3	3	.....	349	.....	.....	.....	1	.....
LASALLE COUNTY—FIRST DISTRICT															
1	LaSalle Co. Coal Co., No. 1....	LaSalle.....	3	18	1	1	1	1	50	145	2	.....	6	.....	.....
2	LaSalle Co. Coal Co., LaSalle....	LaSalle.....	2	10	1	.....	1	1	92	.....	1	.....	18	.....	.....
3	LaSalle Co. Coal Co., Union....	LaSalle.....	3	10	1	.....	1	1	160	.....	1	.....	21	.....	.....
4	Illinois Zinc Co., No. 3.....	Peru.....	2	7	.....	.....	1	1	38	49	2	12	6	.....	.....
5	LaSalle Co. Coal Co., No. 5....	Cedar Point....	2	12	1	.....	1	1	.....	115	.....	.....	.....	.....	.....
6	Seneca Coal Co., G. & J.....	Seneca.....	.....	2	.....	.....	.....	1	.....	27	.....	.....	.....	.....	.....
Total.....			12	59	4	1	5	6	340	336	6	12	51	...	...
LIVINGSTON COUNTY—FIRST DISTRICT															
1	Murphy, Linskey & K. C. Co., No. 1	Pontiac.....	1	5	.....	.....	1	1	43	.....	.....	3	3	.....	2
2	Fairbury Coal Co., No. 1.....	Fairbury.....	1	4	.....	.....	1	1	.....	25	1	.....	.....	.....	2
Total.....			2	9	.....	.....	2	2	43	25	1	3	3	...	4
MERCER COUNTY—FIRST DISTRICT															
1	Alden Coal Co., No. 7.....	Matherville....	2	14	1	2	1	1	.....	110	4	.....	.....	6	2
2	Coal Valley M. Co.....	Matherville....	2	7	.....	.....	1	1	.....	56	.....	.....	.....	2	2
Total.....			4	21	1	2	2	2	.....	166	4	.....	.....	8	4
PUTNAM COUNTY—FIRST DISTRICT															
1	St. Paul Coal Co.....	Granville.....	4	26	1	2	1	5	84	288	.....	.....	9	.....	.....
2	B. F. Berry Coal Co.....	Standard.....	1	20	1	.....	1	1	.....	187	.....	.....	.....	.....	.....
Total.....			5	46	2	2	2	6	84	475	.....	.....	9	.....	.....

EMPLOYEES—SHIPPING MINES

																								On surface											
Shot firers' runners	Spraggers	Stablenen	Timbermen	Trackmen and brat-ticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Engineers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number										
...	4	2	5	4	9	24	442	1	1	1	3	1		2	1	3	1	1	1	1	...	20	36	478	1										
...	4	2	4	2	10	28	277	2	2	2	3	1		4	1	1	1	1	1	1	...	21	38	315	2										
...	7	2	6	3	8	24	351	1	1	1	3	1		2	1	3	1	1	1	1	1	20	36	387	3										
...	2	1	8	3	6	24	337	1	1	1	3	1		2	1	3	2	1	1	1	...	17	33	370	4										
...	1	1	6	2	5	19	262	1	1	2	3	1		4	1	2	2	1	1	1	4	16	36	298	5										
...	18	8	29	14	38	119	1,669	6	4	7	15	5		14	5	12	4	...	3	5	5	94	179	1,848											
...	...	1	4	2	1	23	338	1	...	2	3	2		3	1	...	1	...	1	1	4	13	32	370	1										
...	...	1	1	1	...	7	107	1	1	...	2	1		1	1	...	1	1	...	1	1	9	20	127	2										
...	...	1	5	3	1	30	445	2	1	2	5	3		4	2	...	2	1	1	2	5	22	52	497											
...	1	1	6	2	2	10	250	2	1	2	3	...		1	1	1	...	...	...	1	...	18	30	280	1							
...	2	1	5	1	1	...	136	2	2	1	3	...		1	1	1	...	...	...	...	...	12	25	161	2					
...	2	1	4	2	1	...	208	2	...	1	3	...		...	1	...	...	...	...	...	...	7	15	223	3	
...	...	...	1	3	1	5	128	1	...	1	2	...		...	...	1	...	1	1	...	...	6	14	142	4		
...	3	1	6	1	3	...	146	2	...	1	3	...		2	1	...	...	...	...	1	1	12	23	169	5						
...	1	31	1	...		1	1	1	...	4	...	35	6									
...	8	4	23	9	8	15	899	9	3	6	15	...		5	5	2	...	2	2	5	2	55	111	1,010											
...	...	...	2	2	...	...	63	1	...	...	1	...		1	1	...	2	1	...	2	2	2	13	76	1				
...	...	2	...	...	...	...	37	1	...	...	1	...		...	1	...	1	...	1	1	...	...	6	43	2
...	...	...	4	2	...	...	100	2	...	...	2	...		1	2	...	3	1	1	3	2	2	19	119					
...	...	1	1	4	2	5	156	1	...	1	3	...		1	1	...	...	1	...	1	1	5	15	171	1								
...	...	...	2	...	...	6	79	2	...	1	1	...		2	...	...	1	1	...	1	2	4	15	94	2				
...	...	1	3	4	2	11	235	3	...	2	4	...		3	1	...	1	2	...	2	3	9	30	265											
...	2	2	...	3	8	71	506	1	1	2	3	2		4	1	2	1	...	1	4	...	23	45	551	1										
...	2	1	3	2	4	22	245	1	...	1	3	2		5	1	1	1	...	...	2	4	16	37	282	2								
...	4	3	3	5	12	93	751	2	1	3	6	4		9	2	3	2	...	1	6	4	39	82	833											

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
MARSHALL COUNTY—SECOND DISTRICT															
1	Toluca Coal Co., No. 1.....	Toluca.....	2	35	1	3	3	1	220	133	5	14	7	...	...
2	Wenona Coal Co.....	Wenona.....	2	10	1	...	1	1	...	119	...	...	...	1	...
Total.....			4	45	2	3	4	2	220	252	5	14	7	1	...
PEORIA COUNTY—SECOND DISTRICT															
1	Clark Coal & Coke Co.....	Peoria.....	4	21	1	...	1	3	50	148	9	6	6	2	4
2	M. E. Case Coal Co.....	Peoria.....	...	17	1	3	1	2	176	...	4	11	11	4	2
3	Newsom Bros. Coal Co., No. 5.....	Peoria.....	...	9	1	...	1	1	98	...	4	4	4	2	2
4	Logan Coal Co.....	Hanna City.....	2	10	1	...	1	2	80	...	4	6	6	1	4
5	Newsom Bros. Coal Co., No. 4.....	Glasford.....	2	14	1	...	1	2	...	105	4	...	...	1	2
6	Wolschlog Co-oper. Coal Co.....	Peoria.....	...	9	1	...	1	1	53	5	2	6	6	...	2
7	Crescent Coal Co. No. 1.....	Peoria.....	...	9	1	2	1	1	89	3	4	7	7	...	2
8	Central West Coal Co.....	Edwards.....	...	4	...	...	1	...	...	54	1	...	...	...	2
9	Collier Co-oper. Coal Co.....	Bartonville.....	1	2	...	...	1	1	...	31	1	...	...	...	...
10	Silver Creek Col. Co.....	Edwards.....	...	2	...	...	1	1	...	...	1	...	...	...	2
11	Lancaster Coal Co., No. 1.....	Kingston Mines.....	...	4	...	...	1	1	...	30	...	...	...	...	...
12	East Mapleton Coal Co., No. 1.....	Mapleton.....	...	2	...	...	1	1	...	4	...	...	...	...	2
13	Newsom Bros. Coal Co., No. 6.....	Peoria.....	2	2	...	...	1	1	23	6	...	2	2	...	...
Total.....			11	105	7	5	13	18	569	386	34	42	42	10	24
TAZEWELL COUNTY—SECOND DISTRICT															
1	Groveland Coal M. Co., No. 2.....	Pekin.....	7	38	3	7	2	2	251	22	20	21	21	6	2
2	Tazewell Coal Co.....	Pekin.....	2	6	1	2	1	1	97	...	4	8	8	...	...
3	Lake Erie Mining Co.....	Peoria.....	...	7	...	1	1	1	55	21	4	4	4	...	2
4	Ubben Coal Co.....	Pekin.....	2	3	...	...	1	1	20	...	1	4	4	...	...
5	Regal Coal Co.....	Pekin.....	1	3	...	...	1	1	24	...	...	2	2	...	...
6	East Peoria Mining Co.....	East Peoria.....	1	2	...	...	...	1	...	14	...	...	...	...	2
Total.....			13	59	4	10	6	7	447	57	29	39	39	6	6
WOODFORD COUNTY—SECOND DISTRICT															
1	Roanoke Coal Co.....	Roanoke.....	2	6	1	...	1	1	...	95	1	...	...	...	...
2	Minonk Coal Co.....	Minonk.....	1	5	...	...	1	1	...	83	1	...	...	...	...
Total.....			3	11	1	...	2	2	...	178	2	...	...	...	...
FULTON COUNTY—THIRD DISTRICT															
1	Cripple Creek C. Co., Nos. 1 & 2.....	Bryant.....	...	25	2	3	2	2	85	213	6	5	6	4	4
2	Silver Creek C. Co., No. 1.....	Farmington.....	2	4	...	2	1	3	150	31	16	9	9	...	2
3	National Coal M. Co.....	Farmington.....	3	13	...	1	1	2	30	125	2	3	3	1	2
4	Canton Coal Co.....	Canton.....	3	10	1	2	1	2	104	...	4	9	9	...	2
5	Alden Coal Co., No. 8.....	Farmington.....	1	11	1	3	1	1	114	15	4	7	7	...	2
6	Spoon River Col. Co.....	London Mills.....	3	10	1	1	1	1	...	85	5	...	...	3	2
7	Binzel Coal Co., No. 1.....	Farmington.....	1	4	...	2	1	1	51	7	4	4	4	1	2
8	Rewalt Coal Co.....	Canton.....	2	7	...	...	1	1	32	50	...	2	2	1	2
9	Maplewood Coal Co., No. 1.....	Farmington.....	1	5	...	1	1	1	45	...	2	5	5	1	2
10	Shuler & Long Coal Co.....	Fairview.....	...	5	...	...	...	1	12	23	...	...	...	2	...
11	Simmons Coal Co.....	Canton.....	4	10	...	2	1	2	81	...	2	8	8	1	2

Continued

Underground							On surface																	
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
											Hoisting	Other												
...	4	1	2	4	9	37	481	1	1	2	3	3	6	1	1	1	1	1	1	4	19	44	525	1
			1	1	...	4	141	1	1	...	3	...	2	1	...	1	1	...	...	4	2	15	156	2
	4	1	3	5	9	41	622	2	2	2	6	3	8	2	1	2	1	1	1	8	21	59	681	
...	1	1	7	7	6	5	282	1	1	1	1	2	1	1	3	1	1	1	1	2	8	23	305	1
	3	...	5	5	3	17	265	1	1	1	1	...	...	1	1	1	1	1	1	1	13	24	289	2
	1	1	2	7	2	5	139	1	...	...	1	2	1	1	2	1	1	1	1	...	10	17	156	3
	...	...	3	3	5	3	131	2	...	1	...	...	1	1	1	1	1	1	1	...	2	14	145	4
	...	...	2	2	...	...	146	2	...	2	...	...	1	1	...	...	...	...	1	1	3	11	157	5
	...	...	3	4	5	4	90	1	...	...	...	...	1	1	...	1	1	1	1	1	4	8	98	6
	...	...	...	...	...	...	142	1	1	...	...	1	...	1	1	1	1	1	1	1	10	19	161	7
	...	...	...	4	...	...	67	1	...	...	...	...	1	1	...	1	1	1	1	1	2	8	75	8
	...	...	...	...	...	...	37	1	...	...	1	...	...	...	...	...	...	...	1	...	1	4	41	9
	...	...	1	1	...	...	9	1	...	1	...	1	...	...	...	...	...	...	1	...	2	6	15	10
	...	...	...	2	1	...	39	1	...	...	...	...	...	...	...	...	...	...	1	1	11	14	53	11
	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	11	12
	...	...	...	2	...	...	41	1	...	...	2	...	...	1	...	1	...	...	1	...	2	8	49	13
...	5	2	23	43	23	36	1,398	14	3	4	8	7	4	9	6	7	3	4	12	8	68	157	1,555	
...	2	...	8	17	5	...	434	5	...	4	4	...	1	1	...	1	1	...	2	5	13	37	471	1
	1	3	3	...	...	...	137	1	...	1	3	...	1	1	...	1	1	...	...	...	5	14	151	2
	...	3	3	...	...	2	108	1	...	...	1	...	1	...	1	1	1	1	1	1	3	10	118	3
	...	1	1	...	...	...	38	1	...	...	1	...	...	...	...	1	...	...	...	...	1	5	43	4
	...	...	1	...	...	...	35	...	...	...	1	...	1	...	...	1	...	...	1	...	1	4	39	5
	1	...	...	...	...	...	21	...	...	...	1	...	...	...	...	1	...	...	1	1	...	3	24	6
...	2	1	16	25	5	2	773	8	...	5	11	...	3	3	...	3	2	1	7	7	23	73	846	
...	...	1	1	2	1	10	122	1	...	1	2	...	2	1	...	1	1	...	1	2	5	17	139	1
	...	2	...	...	...	...	94	1	...	...	2	...	...	1	1	1	1	...	1	1	2	10	104	2
...	...	1	3	2	1	10	216	2	...	1	4	...	2	2	1	1	2	...	2	3	7	27	243	
...	...	...	9	19	5	21	411	2	1	1	...	1	2	2	...	2	1	2	1	2	12	29	440	1
	3	...	5	15	2	9	263	3	...	1	3	...	...	1	2	1	...	1	1	1	9	22	285	2
	1	1	2	8	...	...	198	1	1	...	3	...	...	...	...	1	...	1	1	1	7	15	213	3
	1	2	7	4	3	...	164	2	...	...	...	3	1	1	1	...	1	...	...	...	3	11	175	4
	2	1	2	4	...	3	179	2	...	1	3	...	1	1	...	1	...	1	2	4	16	195	5	
	1	1	2	4	2	6	127	1	...	1	3	...	3	...	...	1	1	1	1	3	15	142	6	
	1	...	1	4	...	1	89	1	...	...	1	1	...	...	1	1	...	1	1	3	9	98	7	
	...	4	3	2	...	...	109	1	...	...	2	...	1	...	1	1	...	1	1	2	9	118	8	
	...	3	1	1	2	...	76	1	...	...	3	...	1	...	...	...	...	...	1	3	9	85	9	
	...	...	1	...	...	...	44	...	...	...	...	1	...	...	...	1	...	...	...	1	4	48	10	
	1	3	5	2	4	...	136	2	...	...	...	3	...	1	...	...	...	1	2	2	11	147	11	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
12	Monmouth Coal Co., No. 1.....	Brereton.....	2	13	1	2	1	1	60	40	4	5	5	...	2
13	Coal Creek Mining Co., No. 1.....	Fairview.....	3	...	...	1	1	...	...	13	...	...	...	...	...
14	Eclipse Coal Co.....	Astoria.....	1	1	...	1	1	...	2	5	...	1	1	...	...
15	W. Donaldson Coal Co., No. 1.....	Cuba.....	1	1	...	...	...	...	...	11	...	...	...	...	...
16	Middleton Coal Co.....	Canton.....	1	4	...	1	1	...	...	42	...	...	...	...	2
17	Robt. Gooden Coal Co.....	Farmington.....	1	1	...	...	1	...	...	12	...	...	...	...	...
18	Joe McGlaughlin & Son.....	Canton.....	2	2	...	1	...	...	...	12	...	...	...	...	...
19	Alden Coal Co., No. 6.....	Norris.....	2	7	1	2	1	1	55	9	2	6	6	...	2
20	Big Six Coal Co., No. 1.....	Fairview.....	...	1	...	1	...	...	...	8	...	...	...	...	...
21	G. & L. Coal Co.....	Canton.....	2	2	...	...	...	...	...	10	...	...	...	...	...
Total.....			25	138	8	21	16	26	821	711	51	64	67	12	28
LOGAN COUNTY—FOURTH DISTRICT															
1	Sangamon Co. Mining Co.....	Lincoln.....	2	23	2	1	2	2	...	270	8	...	...	...	4
2	Citizens Coal Mining Co.....	Lincoln.....	2	20	1	...	1	1	...	138	...	...	...	1	2
Total.....			4	43	3	1	3	3	...	408	8	...	...	1	6
MENARD COUNTY—FOURTH DISTRICT															
1	Union Fuel Co.....	Athens.....	2	11	...	...	1	1	...	127	2	...	...	...	2
SANGAMON COUNTY—FOURTH DISTRICT															
1	Madison Coal Corp., No. 6.....	Divernon.....	6	6	2	10	4	7	348	...	36	29	29	...	2
2	Peabody Coal Co., No. 6.....	Sherman.....	2	25	3	1	2	1	...	381	3	...	...	...	6
3	Spfld. Dist. Coal M. Co., No. 55.....	Springfield.....	2	22	3	...	2	1	...	395	6	...	...	...	4
4	Peerless Coal Co.....	Springfield.....	1	14	...	3	2	5	...	361	22	...	...	1	6
5	C. Wilm. & F. Coal Co., No. 1.....	Thayer.....	4	33	3	9	4	1	288	...	12	24	24	...	6
6	Panther Creek Coal Co.....	Auburn.....	2	...	...	2	5	...	...	315	28	...	...	...	6
7	Citizens Coal Mining Co., "B".....	Springfield.....	2	20	2	1	2	1	...	240	6	...	...	...	4
8	Spfld. Dist. Coal M. Co., No. 57.....	Springfield.....	2	18	...	...	2	1	...	217	4	...	...	...	4
9	Spring Creek Coal Co.....	Springfield.....	2	17	2	1	1	2	...	250	6	...	...	...	4
10	Sangamon Co. Mining Co., Jeff.....	Springfield.....	1	21	1	...	1	1	...	235	3	...	...	...	4
11	Sangamon Coal Co., No. 2.....	Springfield.....	1	18	3	...	1	1	...	260	3	...	...	1	4
12	Illinois Coal & Coke Corp., No. 1.....	Springfield.....	2	19	3	2	2	1	...	245	6	...	...	2	4
13	West End Coal Co.....	Springfield.....	1	17	2	1	1	1	...	240	8	...	...	...	4
14	Chicago-Springfield Coal Co.....	Springfield.....	4	18	2	...	2	1	...	185	4	...	...	...	4
15	Bissell Coal Co.....	Springfield.....	4	13	1	1	1	1	...	198	...	...	...	...	4
16	Union Fuel Co., No. 5.....	Sherman.....	2	14	...	...	1	2	...	206	3	...	...	...	3
17	Spfld. Dist. Coal M. Co., No. 53.....	Springfield.....	2	17	...	...	2	1	...	238	8	...	...	...	4
18	Springfield Co-oper. Coal M. Co.....	Springfield.....	2	16	1	...	1	1	...	140	4	...	...	...	2
19	Spfld. Dist. Coal M. Co., No. 52.....	Riverton.....	2	16	1	...	2	1	...	270	6	...	...	...	6
20	Union Fuel Co., No. 3.....	Auburn.....	2	14	...	1	1	2	...	195	4	...	...	...	2
21	Dawson Coal Co., No. 1.....	Dawson.....	2	10	1	...	1	1	...	115	2	...	2	...	2
22	Union Fuel Co., No. 2.....	Springfield.....	3	13	1	...	2	2	...	165	4	...	...	...	4
23	Lincoln Park C. & B. Co.....	Springfield.....	2	8	1	...	1	1	...	75	2	...	...	...	2
24	Sangamon Coal Co., No. 3.....	Cantrall.....	1	7	1	...	1	1	...	92	1	...	...	1	2
25	Spfld. Dist. Coal M. Co., No. 51.....	Springfield R 5.....	1	14	...	...	1	1	...	105	...	...	...	...	2
26	Illinois Coal & Coke Corp., No. 2.....	Auburn.....	2	8	...	2	2	...	...	46	2	...	...	1	2
Total.....			57	398	33	32	47	40	636	5,167	183	53	53	8	97

Continued

Underground										On surface															
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number	
											Hoisting	Other													
...	2	1	2	5	2	10	158	3	...	...	3	...	2	1	...	1	...	1	1	1	5	17	175	12
...	18	1	1	1	19	13
...	12	1	1	2	1	14	14
...	2	1	13	1	1	14	15
...	...	...	...	...	...	...	54	1	...	...	1	...	...	...	...	1	...	...	...	...	2	5	59	16
...	...	...	...	...	...	...	14	...	...	...	1	...	...	...	...	1	...	...	...	...	1	3	17	17
...	...	...	...	...	...	...	15	...	...	...	1	...	...	...	...	...	...	1	...	...	...	3	18	18
...	1	...	1	4	...	3	103	2	...	...	3	...	1	1	...	1	1	1	1	1	3	14	117	19
...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	20
...	...	...	...	...	...	...	12	...	...	...	...	1	...	...	...	...	...	...	1	...	1	3	15	21
...	10	6	38	81	20	62	2,205	22	2	4	28	10	10	9	3	13	3	5	16	16	58	199	2,404	...	
...	2	1	7	6	2	7	339	2	...	1	3	1	4	1	...	1	...	2	2	2	8	25	364	1	
...	...	1	8	6	6	4	191	2	...	...	3	...	3	1	...	...	...	1	1	3	14	28	219	2
...	2	2	15	12	8	11	530	4	...	1	6	1	7	2	...	1	...	1	3	5	22	53	583	...	
...	1	1	7	2	1	1	159	1	...	1	3	...	1	1	...	1	...	1	10	...	...	19	178	1
...	2	1	40	45	14	100	679	3	3	2	4	...	6	1	5	1	1	2	1	6	24	59	738	1	
...	1	10	11	3	5	...	456	3	...	1	3	1	2	1	...	1	...	2	3	13	30	486	2		
...	3	1	10	12	3	15	459	2	1	2	3	...	2	1	...	1	...	2	3	6	23	482	3		
...	3	1	12	12	1	15	459	2	1	1	3	1	2	1	2	1	...	1	2	3	18	38	497	4	
...	15	1	15	12	17	37	505	1	1	4	2	1	6	1	3	1	...	1	2	8	40	71	576	5	
...	...	10	18	...	...	...	390	2	1	...	3	1	3	1	...	2	...	1	1	3	15	33	423	6
...	2	1	6	8	3	11	309	2	1	1	3	...	1	...	1	1	1	1	3	7	22	331	7		
...	1	1	8	4	4	6	272	2	...	4	3	1	1	1	...	1	1	1	3	13	32	304	8		
...	2	1	2	8	2	10	310	1	1	1	3	...	2	1	...	2	...	1	2	4	7	25	335	9	
...	1	1	6	6	3	16	300	1	1	1	3	...	1	...	1	1	...	1	2	8	20	320	10		
...	2	1	5	15	5	14	336	1	1	1	1	2	2	1	...	1	1	1	2	14	29	365	11		
...	4	1	10	8	6	17	332	2	...	1	3	...	1	1	...	1	1	1	1	13	25	357	12		
...	2	1	4	8	5	14	309	1	...	2	3	...	1	1	...	1	1	1	3	7	21	330	13		
...	3	2	7	9	4	15	260	2	...	2	3	...	2	1	...	1	1	2	1	10	25	285	14		
...	3	1	4	4	5	5	245	2	1	1	3	...	1	...	1	...	1	...	...	5	15	260	15	
...	1	1	4	3	1	2	243	1	...	1	3	...	1	1	...	1	...	...	1	6	16	259	16	
...	1	1	10	8	2	6	300	2	...	2	3	...	2	1	...	1	...	1	2	3	6	23	323	17	
...	1	1	4	8	4	10	195	1	1	1	3	...	1	1	...	1	1	1	2	1	2	16	211	18	
...	2	10	10	10	2	15	353	2	...	1	2	1	2	1	2	1	1	2	2	6	23	376	19		
...	1	1	2	2	2	2	231	1	...	1	3	...	1	1	...	1	...	1	1	6	16	247	20		
...	1	1	4	5	3	5	155	1	...	...	3	1	1	1	...	1	1	1	1	3	15	170	21	
...	2	1	6	4	4	1	212	1	...	1	3	...	1	1	...	1	...	1	1	7	17	229	22		
...	1	...	2	2	3	2	102	1	...	1	3	...	1	...	...	...	...	1	1	4	13	115	23	
...	1	1	2	2	1	...	114	1	1	...	1	2	1	...	...	...	...	1	1	1	9	123	24	
...	2	1	6	5	4	5	147	1	...	...	3	...	1	...	...	1	...	2	1	4	13	160	25	
...	1	4	4	1	5	...	80	1	1	2	3	...	1	...	3	1	1	1	1	5	20	100	26		
3	56	34	213	233	77	333	7,753	40	15	34	73	11	34	21	15	26	9	18	36	57	250	639	8,392	...	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
CHRISTIAN COUNTY—FIFTH DISTRICT															
1	Peabody Coal Co., No. 8	Tovey				12	3	5	375		44	24	24	3	
2	Peabody Coal Co., No. 7	Kincaid	2	1		9	3	5	398		36	29	29		
3	Peabody Coal Co., No. 9	Taylorville	1	18	1	7	2	1	226		16	24	24	2	
4	Penwell Coal Mining Co.	Pana	2	13	2	1	2	1	10	250	2				
5	Pana Coal Co., No. 2	Pana	3	12	2	1	2	1	4	195	4				
6	Spfld. Dist. Coal M. Co., No. 58	Taylorville	2	1		4	2	4		253	28			2	4
7	Peabody Coal Co., No. 21	Stonington	1	16		2	2	1	127		6	6	6	2	
8	Smith-Lohr Coal Mining Co.	Pana	5	13	2	1	2	1		145	5				
9	Pana Coal Co., No. 1	Pana	2	10	3	1	2	1		128	5				
10	Assumption Coal Mining Co.	Assumption	2	5		1	1	1		42	1		4		
11	Christian Co. Mining Co.	Edinburg	1	4				1	1	25					2
Total			21	93	10	39	22	22	1,140	1,038	147	83	87	9	6
MACON COUNTY—FIFTH DISTRICT															
1	Macon Co. Coal Co., M. C.	Decatur	2	13	1	2	1	3	80		4	5	5		
2	Decatur Coal Co.	Decatur	2	17	1	1	1	2		120	2			1	
3	Niantic Carbon Coal Co.	Niantic	2	4				1	1	45	2				2
Total			6	34	2	3	3	6	80	165	8	5	5	1	2
MOULTRIE COUNTY—FIFTH DISTRICT															
1	Lovington Coal M. Co., No. 1	Lovington	2	14	1		1	2	10	144	2			1	
SHELBY COUNTY—FIFTH DISTRICT															
1	Moweaqua Coal & M. Co., No. 1	Moweaqua	4	8		2	1	1	70		2	8	8		
VERMILION COUNTY—FIFTH DISTRICT															
1	U. S. Fuel Co., Verm.	Georgetown	2	26		8	6	1	391	155	12	19	19		4
2	Peabody Coal Co., No. 24	Danville	2	31		8	3	5	241	190	8	14	14		4
3	U. S. Fuel Co., No. 4	Westville	2	22		3	4	1		317	8			3	3
4	U. S. Fuel Co., Bunsen	Georgetown	2	13		3	2	1	111	163	4	5	5	1	2
5	United Electric Coal Co., No. 1	Danville													
6	Brady Branch Coal Co.	Tilton	1	14		2			120	20	2	6	6	3	2
7	Taylor-English Coal Co., No. 2	Catlin	1	22	1	1	1	3	126	24		6	6	1	2
8	United Electric Coal Co., No. 6	Danville	2	11	1	2	1	1	130	6	2	5	5	1	2
9	United Electric Coal Co., No. 4	Danville													
10	United Electric Coal Co., No. 5	Danville													
11	Chicago Coal Co.	Catlin													
12	I. & J. Coal Co.	Georgetown													
13	Sharon Coal Co.	Georgetown	1	4			1	1		50					
14	Chicago Coal Co., No. 1	Fairmount	2	8	1	1	1	3	41	19		3	3		2
15	Lone Oak Coal Co.	Danville	1	1				1		12					1
Total			16	152	3	28	19	17	1,160	956	36	58	58	9	22

Continued

Underground										On surface										Total—all employees	Number				
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weighmen			Office employees at mine	Others on surface	Total on surface	
											Hoisting	Other													
...	3	...	7	20	...	23	543	5	...	1	3	1	1	1	3	2	...	37	54	597	1
...	2	...	12	26	6	22	580	2	...	3	3	2	2	...	1	1	3	3	...	24	46	626	2
...	1	...	16	13	...	40	392	2	2	1	3	1	1	1	2	2	...	20	35	427	3
...	4	1	4	4	...	5	302	2	1	2	3	3	...	1	1	1	1	3	...	20	36	338	4
...	2	1	6	4	...	7	349	1	1	2	3	3	1	...	1	...	1	2	...	30	45	394	5
...	2	10	12	10	334	1	1	...	3	2	1	...	1	...	1	2	...	19	31	365	6
...	2	1	3	5	...	26	206	1	1	1	3	3	1	...	1	...	2	2	...	12	27	233	7
...	2	1	3	3	...	18	209	1	1	...	3	3	1	2	1	...	1	3	...	20	36	245	8
...	2	1	3	3	6	60	227	1	1	2	3	3	1	1	1	...	1	2	...	27	43	270	9
...	1	1	2	1	1	18	81	1	3	3	1	...	1	1	1	1	...	2	14	95	10
...	1	1	36	1	1	1	1	1	1	...	1	8	44	11
...	21	6	73	92	27	323	3,259	18	9	12	31	2	20	9	6	11	4	1	17	23	212	375	3,634		
...	1	2	2	1	38	160	1	1	...	3	1	1	1	1	5	...	15	29	189	1	
...	1	1	5	6	2	2	164	1	...	1	3	...	1	1	...	1	1	1	5	...	4	19	183	2	
...	1	...	4	1	64	2	...	1	1	...	1	1	1	...	1	8	72	3	
...	2	2	11	9	4	40	388	2	1	1	8	...	3	2	...	3	2	3	11	20	56	444			
2	5	1	2	4	3	1	195	1	...	...	3	1	4	1	...	1	1	1	...	5	18	213	1
2	2	...	3	3	2	...	116	1	1	...	3	...	1	1	...	1	...	1	2	...	11	127	1		
...	4	2	37	33	18	102	839	4	4	1	3	1	5	1	...	...	...	1	4	17	41	880	1
...	2	1	18	10	4	22	577	2	1	...	3	...	4	1	...	1	...	2	4	23	41	618	2		
...	3	2	18	18	9	53	466	1	1	...	3	...	4	1	...	...	...	1	3	12	26	492	3
...	3	1	12	14	7	72	421	2	2	...	3	...	3	1	...	...	...	1	3	16	31	452	4
...	1	...	...	...	...	...	1	1	2	1	6	...	6	1	2	1	1	1	...	89	111	111	5
...	1	1	8	4	5	13	207	1	1	...	1	...	3	1	2	1	1	2	...	6	16	223	6		
...	1	1	9	6	3	11	225	2	1	...	3	1	2	1	1	1	1	1	...	7	19	244	7		
...	...	4	4	4	7	188	1	1	1	1	1	...	1	1	1	1	1	1	...	1	9	197	8		
...	...	...	...	...	...	...	1	...	...	...	2	...	1	1	1	1	1	1	...	60	68	68	9
...	...	...	...	...	...	...	1	...	...	...	1	...	1	1	1	1	1	1	...	55	60	60	10
...	...	...	...	...	...	...	1	...	...	...	5	4	1	1	1	1	1	1	...	24	38	38	11
...	1	...	4	2	2	3	69	1	...	...	1	2	...	2	1	1	1	2	...	27	35	35	12
...	1	1	6	3	2	3	99	1	1	...	3	...	1	1	1	1	1	1	...	3	11	80	13		
...	...	...	...	...	...	...	17	...	...	...	1	...	...	...	...	...	...	1	1	...	12	111	14
...	15	8	117	94	54	286	3,108	19	15	4	32	14	30	11	2	14	2	8	12	16	342	521	3,629		

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot frers
MACOUPIN COUNTY—SIXTH DISTRICT															
1	Superior Coal Co., No. 3	Gillespie	3	7		9	4	6	406		36	24	24		
2	Superior Coal Co., No. 1	Gillespie	3	24		13	4	7	394		26	26	26		
3	Superior Coal Co., No. 2	Gillespie	3	29		9	4	6	402		16	23	23		
4	Superior Coal Co., No. 4	Gillespie	3			12	2	5	384		30	24	24		
5	Consolidated Coal Co., No. 7	Staunton	5	20	1	4	4	6	370		24	20	20		
6	Standard Oil Co. (Ind.), No. 1	Carlinville	2			9	2	1	293		43	22	22		4
7	Consolidated Coal Co., No. 15	Staunton	5	32		5	3	5	340		10	20	20		
8	Illinois Coal Corp., No. 3	Virden	3	22		3	2	1	154	65	6	11	11		2
9	Madison Coal Corp., No. 5	Mt. Olive	6	15		1	2	2	125		6	20	20	1	
10	Consolidated Coal Co., No. 14	Staunton	6	18	1	4	4	5	380		22	15	15		
11	Gillespie Coal Co.	Gillespie	1	8		2	1	1	96		2	7	7		
12	Royal Colliery Co.	Virden	4	30	1	5	3	4	250		6	22	22		
13	Illinois Coal & Coke Corp., No. 4	Girard	3	14	1	3	2	2	102	84	6	8	8		4
14	Standard Oil Co. (Ind.), No. 2	Carlinville	2			11	2	1	102		47	23	23		4
15	Bartels Coal Co.	Carlinville	1	3			1	1	30			6	6	1	
Total			50	222	4	90	40	53	3,828	149	280	271	271	2	14
MONTGOMERY COUNTY—SIXTH DISTRICT															
1	Nokomis Coal Co., No. 1	Nokomis	2			8	3	6	337	92	42	29	29		
2	Shoal Creek Coal Co.	Panama	4	26	1	11	5	1	292		14	25	25		6
3	Ind. & Ill. Coal Corp., No. 15	Taylor Springs	2		1	14	2	1	275		32	31	31	1	
4	Hillsboro Coal Co.	Hillsboro	4	20		4	2	3	140		10		20	2	
5	Ind. & Ill. Coal Corp., No. 11	Hillsboro	2	28	1	5	2	1	240		6	21	21		
6	Ind. & Ill. Coal Corp., No. 10	Nokomis	3		2	8	3	1	130	90	24	30	30	1	
7	Ind. & Ill. Coal Corp., No. 12	Witt	2	32	1	3	2	1	269	60	8	14	14	1	
Total			19	106	6	53	19	14	1,683	242	136	150	170	5	6
BOND COUNTY—SEVENTH DISTRICT															
1	Pocahontas Mining Co., No. 1	Pocahontas	2	14	1	3	2	2	140	32	4	10	10		4
MADISON COUNTY—SEVENTH DISTRICT															
1	Mt. Olive & Staunton C. Co., No. 2	Staunton	5	32	1	7	3	6	369		6	29	29		
2	Donk Bros. C. & C. Co., No. 2	Maryville	5	18		7	3	8	296		32	25	25		
3	New Staunton Coal Co., No. 1	Livingston	2	7	2	6	3	1	373		40	31	31		
4	Madison Coal Corp., No. 2	Glen Carbon	3	21		1	2	6	240		8	19	19	3	
5	Lumaghi Coal Co., No. 2	Collinsville	1	4		6	2	4	180		22	22	22		2
6	Donk Bros. C. & C. Co., No. 4	Edwardsville	1	1		4	1	4	171		18	12	12		
7	Donk Bros. C. & C. Co., No. 3	Troy	8	16		1	2	6	55	109	6	5	5		3
8	Kerens-Dormewald C. Co., K.D.	Worden	1	17		3	2	1	134		4	11	11		
9	Lumaghi Coal Co., No. 3	Collinsville	1	10	1	1	1	1	6	130	2	1	1		2
10	Abbey Coal Corp.	Collinsville	1	11		1	1	1	56			4	4		
11	Madison Co. Mining Co.	Edwardsville	3	7			1	1	80	8	2	9	9		2
12	New Castle Coal Co.	Edwardsville	2	7	1		1	1	30				12	2	
13	Bullock Mining Co.	Collinsville	2	5			1	1		22					2
14	Jay Coal Co.	Bethalto	1	3			1	1	18			3	3		
15	East Side Coal Co.	Edwardsville	1	1			1	1		12					2
16	Edwardsville Coal Co., No. 3	Edwardsville	2	7			1	1	36	20		7	7	1	2
17	Mizer Coal Co.	Mora		1				1	6						
Total			39	168	5	37	26	45	2,150	301	140	178	190	6	15

Continued

Underground											On surface											Total—all employees	Number
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers Hoisting Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface		
4	2	1	23	44	5	101	692	5	2	1	4	1	4	1	2	1	1	2	1	21	46	738	1
5	2	2	37	47	5	118	739	5	1	2	4	1	5	1	1	1	2	1	1	17	40	779	2
4	2	2	13	39	1	109	685	5	2	2	4	1	5	1	1	1	2	1	21	46	731	3	
3	2	2	20	40	1	106	655	5	1	3	4	1	3	1	1	1	2	1	20	43	698	4	
...	2	1	3	21	7	129	637	4	1	2	3	...	3	1	2	1	1	2	30	50	687	5	
...	3	2	25	30	1	48	505	2	3	1	3	2	3	2	2	1	1	1	13	35	540	6	
...	2	1	6	22	8	88	567	5	2	3	3	...	10	1	1	1	2	3	31	60	627	7	
...	5	1	7	11	6	17	327	2	1	3	3	1	3	1	2	1	1	2	12	33	360	8	
...	2	1	13	6	2	20	242	2	1	2	3	...	5	1	1	1	1	3	15	35	277	9	
...	2	1	4	22	5	116	620	4	2	3	3	...	6	1	1	1	2	24	48	668	10		
...	1	1	3	6	1	12	149	1	1	1	3	...	1	1	1	1	1	2	2	10	159	11	
...	5	1	18	16	14	13	414	3	2	3	3	...	7	1	3	1	1	2	16	44	458	12	
...	3	1	8	4	6	11	270	1	1	4	1	2	4	1	1	1	1	2	12	32	302	13	
...	2	29	41	1	28	316	2	5	...	3	2	3	1	1	1	1	1	2	14	37	353	14	
1	...	2	2	2	1	...	55	1	1	...	3	...	1	...	1	...	...	1	2	11	66	15
17	33	13	211	351	58	916	6,873	47	23	29	47	11	62	15	14	9	8	11	24	20	250	570	7,443
...	4	38	44	58	692	4	3	2	4	2	5	1	3	1	3	1	1	2	5	46	80	772	1
...	10	1	17	26	503	4	1	7	4	1	6	2	2	1	2	1	1	2	4	26	61	564	2
2	2	8	12	5	419	3	3	2	2	1	4	1	2	1	2	1	1	3	17	40	459	3	
...	2	1	12	8	270	2	2	3	3	1	3	1	3	1	1	1	2	1	4	21	291	4	
...	2	1	24	16	427	2	2	5	3	...	4	1	1	1	1	1	1	3	8	30	457	5	
...	4	20	27	2	399	2	4	2	2	1	1	1	1	1	1	1	1	3	18	37	436	6	
...	4	9	19	2	451	2	2	4	3	...	4	1	1	1	1	1	1	3	8	30	481	7	
2	28	3	128	154	41	196	3,161	19	15	24	21	6	27	8	11	3	4	2	10	22	127	299	3,460
2	1	1	6	7	5	13	259	3	...	1	3	...	1	1	...	1	...	1	1	13	25	284	1
...	2	1	4	30	16	42	582	2	4	3	2	2	3	1	2	1	1	1	4	26	54	636	1
...	4	1	24	19	4	30	501	5	2	2	3	...	4	1	1	1	1	1	32	53	554	2	
...	5	1	2	31	10	34	579	4	1	2	4	...	5	1	1	2	1	2	20	47	626	3	
...	1	1	18	10	3	31	385	4	1	2	3	...	8	1	3	1	1	5	11	41	426	4	
...	1	3	1	20	2	26	440	3	3	2	3	...	4	1	2	1	1	3	13	36	476	5	
...	1	1	7	14	1	13	260	2	1	1	3	...	3	1	2	1	1	2	18	36	296	6	
...	2	1	40	12	3	12	286	2	1	2	3	...	4	1	1	1	1	2	10	27	313	7	
...	1	1	10	9	1	43	249	3	...	2	3	...	2	...	1	1	1	2	13	28	277	8	
...	1	1	3	5	2	3	172	1	...	1	3	...	1	1	...	...	...	1	8	17	189	9
...	...	3	3	...	3	...	88	1	...	2	...	...	1	...	...	...	...	1	3	9	97	10
...	...	2	4	2	2	...	132	1	...	2	...	...	1	...	1	...	1	1	...	6	138	11
...	...	2	2	...	...	...	60	1	1	...	2	...	1	...	1	...	1	1	1	9	69	12
...	...	1	1	...	...	...	35	1	1	1	...	...	1	...	1	...	1	1	2	9	44	13
...	...	1	1	...	...	...	31	1	1	...	1	...	1	...	1	...	1	1	...	5	36	14
...	1	...	...	...	...	...	19	...	...	1	...	...	1	...	...	...	...	...	...	2	21	15
...	1	1	4	3	2	...	95	1	1	2	3	...	1	...	1	...	1	1	5	16	111	16	
...	...	...	...	...	...	...	8	...	...	1	...	...	1	...	...	...	...	...	...	2	10	17
2	20	9	140	166	46	239	3,922	32	16	20	39	2	38	10	12	11	2	7	18	28	162	397	4,319

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot fires
MARION COUNTY—SEVENTH DISTRICT															
1	Marion County Coal Co.	Centralia	2	22	4	4	2	1	55	241	10	19	19	...	4
2	Chicago-Sandoval Coal Co., No. 2	Sandoval	4	24	3		2	1		180	8			...	4
3	Odin Coal Co.	Odin	4	14		1	2	1	156	6	4	12	12	...	
	Total		10	60	7	5	6	3	211	427	22	31	31	...	8
CLINTON COUNTY—EIGHTH DISTRICT															
1	Southern C. & M. Co., No. 9	New Baden	2	23	1	5	3	1		234	14	17	17	...	
2	Breese-Trenton M. Co., Beck	Beckemeyer	2	14	2	2	2	1	184		5	8	8	1	...
3	Breese-Trenton M. Co., East	Breese	3	11		2	1	1	130		8	6	6		...
4	Breese-Trenton M. Co., North	Breese	1	15		2	2	2	169		4	13	13		...
5	Consolidated Coal Co.	Breese	4	10	1	1	1	1	103		4	6	6		...
	Total		12	73	4	12	9	6	586	234	35	50	50	1	...
SAINT CLAIR COUNTY—EIGHTH DISTRICT															
1	St. L. & O'Fallon Coal Co., No. 2	East St. Louis	4	20	1	6	3	6	311		21	25	25		...
2	Consolidated Coal Co., No. 17	Collinsville	6	25	1	3	2	1	190	35	6	14	14	1	2
3	Perry Coal Co., St. Ellen	O'Fallon	2	23	2			1		288	4				4
4	Kolb Coal Co., No. 2	Mascoutah	2	20	3			1	2	224	4				2
5	Eldnar Coal Co.	Belleville	4	10				1	2	217	4				2
6	St. L. & O'Fallon Coal Co., No. 1	East St. Louis	6	16	1			2	2	175	4			2	4
7	Southern C., C. & M. Co., No. 8	Belleville	2	2	1	3	2	1	185		30	15	15		...
8	Aluminum Ore Co.	Belleville	2	10		1	1	1	64	21	4	4	4		6
9	Egyptian Coal & Mining Co.	Marissa	3	13	1	3	1	1	130	13	4	2	6		2
10	Southern C., C. & M. Co., No. 7	Belleville	2	2	1	3	2	1	153		26	9	9		...
11	Mulberry Hill Coal Co., No. 1	Freeburg	2	11	2			1	62	74	4		4		2
12	O. K. Coal Co.	Marissa	1	8	1	1	1	1		104	4				2
13	Perry Coal Co., Superior	Belleville	2	7	1			2	60	15	2	10	10	3	2
14	B. B. Coal & Mining Co.	Belleville	3	12				2	14	98	2		1		2
15	Quality Coal & Mining Co.	Belleville	3	6				1	1	70	2				4
16	Perry Coal Co., Carbon	O'Fallon	1	9	1	1	1	1	91		4		14		1
17	Southern C., C. & M. Co., No. 6	Belleville	2	13	1			1		59					...
18	Star Coal & M. Co.	Freeburg	2	9				1	16	75	2	2	7	2	8
19	Victoria Coal Co.	Belleville	2	6		2		1		72	1				...
20	Groom Coal Co.	Belleville	2	4		1	1	1		61	2				2
21	Perry Coal Co., Taylor	O'Fallon	1	9	1			1		130	4				2
22	Southern C., C. & M. Co., No. 1	Belleville	2	12	1	1	1	1		112	3				2
23	New Marissa Coal Co.	Marissa	3	6				1	2	82	1				2
24	Kolb Coal Co., No. 1	Mascoutah	2	4				1		56	3				2
25	Golden Rule Coal Co.	Lenzburg	3	6				1		63	1				2
26	New National Coal & M. Co.	Belleville	2	7				1		68				1	6
27	Ell-Rich Mining Co.	Belleville	2	6				1		60	1				2
28	Kolb Coal Co., No. 3	New Athens	1	3	1			1		69	2				1
29	Glendale Coal & Mining Co.	Freeburg	1	9	1			1		54					6
30	Peoples Coal Co.	Caseville	2	6				1		60					...
31	General C. & M. Co.	Freeburg	2	5				1		49					2
32	Fallon Coal Mines Co.	O'Fallon	2	6				1	9	66			4	1	...
33	Aloys-Gundlach Co.	Edgemont Sta., E. St. Louis		3				1	1	33			1	3	...
34	Summit Coal & Mining Co.	Belleville	2	3				1	1	52					2
35	Lou-Nash C. & M. Co.	Rentchler	1	4				1	1	40	1			1	3
36	Perry Coal Co., Pittsburg	Belleville	1	3				1	1	32					2
37	Jones Bros. C. & M. Co., No. 1	Marissa	2	7				1	1	52					2

Continued

Underground							On surface																		
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Engi- neers Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number	
2 ...	6 1 1	1 3 1	6 3 3	12 7 4	12 4 7	64 19 7	486 261 234	4 2 2	2 1 2	5 5 2	4 4 3	1	4 4 4	1 1 1	1 1 1	1 1 1	2 1 2	1 1 2	4 2 3	28 12 12	58 35 30	544 296 264	1 2 3	
2	7	3	12	23	23	90	981	8	3	12	11	1	12	3	...	3	1	3	5	9	52	123	1,104		
...	4 4 2 3	1 1 5 1	10 6 5 2	8 8 10 5	4 3 2 2	23 11 4 5	367 262 188 250 151	3 2 1 1 2	2 1 1 1 2	2 1 1 1 3	3 3 3 2 3	3	3 2 2 2 1	1 1	3 3 1 1 ...	1 1 1 1 ...	1 1 1 1 ...	1 2 1 1 1	2 2 2 1 1	17 10 9 12 ...	40 26 25 24 9	407 288 212 275 160	1 2 3 4 5		
...	13	4	28	37	17	47	1,218	10	5	6	13	5	10	3	4	3	2	7	8	48	124	1,342			
...	7 2 4 1 5 4 1 3 1 1 2 4 1 2 4 2 2 1 2 1 3 1																								

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
38	Suburban Coal Co.	Belleville	2	10			2	1		58					2
39	Columbia Col. Co., Columbia	Belleville	2	10		1	1			112	2				
40	Perry Coal Co., S. B.	Belleville	1	3			1			30					2
41	Guest Coal Co.	Belleville	2	16	1	1	1			52				1	2
42	Premier Coal Co.	Lebanon	1	3			1			33					2
43	Columbia Collieries Co., N. L.	Lenzburg	2	6		1				44	2				
44	Liberty Coal Co.	Rentchler	2	6	1		1		36			6	6	1	
45	Abend Coal Co.	Belleville	1	4			1			15	1				2
46	Columbia Collieries Co., N. F.	Freeburg	1	5			1		24						
47	Missouri-Illinois Coal Co.	Belleville	1	7			1			46				1	2
Total			97	395	23	28	53	57	1,345	3,069	151	87	120	17	95
JACKSON COUNTY—NINTH DISTRICT															
1	Union Coal. Co., Kath.	Dowell	2			12	4	6	277		50	21	21	2	4
2	Jackson Coal Co.	Hallidayboro.	5	23	2	2	2	1	74	175	8	4	4	2	4
3	Consolidated Coal Co., No. 10	Murphysboro	2	7	1	4	1	1	58		3		8	3	
4	Consolidated Coal Co., No. 9	Murphysboro	2	19	1	3	2	1	101		6		14	7	
5	Western U. Gas C. Co., No. 2	Murphysboro	2	6	1	2	1	1	48	2	3	3	3	2	
6	Gartside Coal Co., No. 4	Murphysboro	2	9			1	1	36	8			14	3	
7	Midway Coal Mining Co.	DeSoto	2	6			1	1		75	2			3	2
8	Jackson Peacock Coal Co.	DeSoto	1	2		1	1							2	2
9	Doran Coal Co.	Herrin						1		6					
Total			18	72	5	24	13	14	594	266	72	28	64	24	12
PERRY COUNTY—NINTH DISTRICT															
1	Equitable Coal & C. Co., Maj.	Duquoin	2	17	3	6	2	2	251	77	16	18	18	1	4
2	Paradise Coal Co.	Duquoin	4	30	2	2	2	1	190	110	20	15	15	2	4
3	Security Coal & Mining Co.	Duquoin	4		2	7	2	1	198		40	15	15	5	
4	Southern Gem Coal Corp., No. 5	Pinckneyville	3	14	1	1	1	1		222	4				2
5	Jewell Coal & Mining Co., No. 1	Duquoin	4	17	1	1	1	2	54	70	2	3	3	3	2
6	Willis Coal & Mining Co., No. 8	Willisville	2	14		2	1	1	140		4	12	12	3	
7	Willis Coal & Mining Co., No. 1	Willisville	1	9		2	1	1	84		4	7	7	3	
8	Southern Gem Coal Corp., No. 7	Cutler	2				1	1		72				1	2
9	Scott-Smith Coal Co.	Duquoin													
10	Victory Col. Co., No. 1	Tamara	1	6		1	1	1	20	55	2	5	5		2
11	Southern Gem Coal Corp., No. 10	Cutler	3	12	1		1	1	8	94		2	2	1	2
12	Columbia Col. Co., B. E.	Craig	1	10	1		1	1	115						2
13	Jewell Coal Co., No. 2	Duquoin	2	9		1	1	1	75			4	4	2	2
14	Victory Coal Mining Co., Vic.	Duquoin	2	8		1	1	1	50			3	3	1	2
15	Bailey Bros. Coal Co., No. 1	Duquoin	2	3	1		1	1	18	17	1	2	2	1	3
16	Tamara L. M. Mining Co.	Tamara	3	7			1	1		55					2
17	Wilson Coal Co.	Cutler		1				1		8					
Total			36	157	12	24	18	18	1,203	780	93	86	86	23	29
RANDOLPH COUNTY—NINTH DISTRICT															
1	Moffat Coal Co., No. 1	Sparta	2	25	1	3	2	1	50		8	15	15	1	
2	Willis Coal & Mining Co., No. 6	Percy	2	19	1	4	1	1	196		8	14	14	2	
3	Madison Coal Corp., Crystak	Tilden	3	25	1	4	2	5	236		4	13	13	1	4
4	Illinois Fuel Co., No. 4	Sparta	2	17	1	3	1	2	126		2	9	9	2	
5	Perry Coal Co., Perry	Coulterville	2	15		2	1	1	132	75	4	8	8		2
6	St. Louis Coal Co.	Coulterville	1	10	1		1	1		150	2				2
7	Jones Bros. Coal & M. Co., No. 2	Tilden	2	8			1	1		118	2				2

Continued

Underground							On surface																		
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number	
		1		4			80	1			3			2			1			1		4	12	92	
				6	1		136	1		1	1	1	1	1		1	1				3	11	147		
2	1	2		1			40	1			1									1	1	5	45		
				2		1	85	1			1			1		1						3	10	95	
				4			45	1			1			1									6	51	
				2			59	1		1	1			1				1	1	1		2	7	66	
		1		2			64	2			1			1			1		1	1	1	2	9	73	
				1		1	27	1			1	1		1			1					2	7	34	
				2			33	1			1								1	1		1	4	37	
					3		64	1		1			1			1	1	1				2	10	74	
2	38	17	77	234	40	180	6,125	57	12	31	85	8	55	19	6	28	4	14	48	34	212	613	6,738		
	5		10	48	13	9	484	3	1	3	4	1	1	1	3	1	1	1	2	2	5	35	61	545	
	3	4	10	8	6	3	337	2	1	1	3	1	3	1	2	1	1	1	2	2	22	42	379		
	1	6	4	1	3	6	103	1			3		3		2	1	1	1	1	10	20	123			
	4	21	12	7	6	4	206	2	1	1	3	1	4	1	1	1	2	1	1	15	34	240			
				1	4	2	81	1		1	2		1			1	1	1	1	1	10	91			
		5			2	2	83	2			2		3			1	2	2		5	17	100			
	1		4				98	1		1	2	1	2			1	1	1	1	4	15	113			
			2	2			14	1			1					1				3	17				
							7				1									1	2	9			
...	12	3	50	81	31	30	1,413	13	3	7	21	4	16	4	6	6	9	3	10	9	93	204	1,617		
	2	1	2	20		10	452	4	1	3	4		5	1	2	2	1	1	1	1	25	50	502		
1	4	2	10	30	10	8	462	2	2	1	3	1	5	1	2	1	1	2	1	1	30	53	515		
	3		9	19	6	44	370	3	3	5	4		9	1	1	1	1	1	1	15	48	418			
		1	2	8	3	12	275	1			3		2			1				8	17	292			
	1		4	4	2	8	182	1		1	1	2	1	1	1	1	1	1	1	16	28	210			
	1	2	12	1	1	9	216	2		1	3		1	1	1	1	1	1	1	5	15	231			
	1	1	3	9		9	142	4		2	3		6	1	5	1		2		7	31	173			
			1	3		2	85	1	1		3		3		1	1	1	1	1	4	15	100			
											3		2	1	1	1	1	2		29	40	40			
		6				3	118	2		1	3		1	1	1	1	1	1	1	5	17	135			
	1	1	8		1		138	1	1		1	2	3	1	1	1	1	1	1	10	23	161			
	2		1	4		3	141	1			3		1			1			1	6	14	155			
	1		2	4	1	3	112	1	1	1	1	2	1	1	1	1	1	1	1	6	18	130			
			1	4	1		78	1		1	1	1	1	1	1	1	1	1	1	10	88				
			1	1		1	55	1			1		1		1					3	10	65			
	1	1	4	4	1		80				2		1	1					1	4	10	90			
							10				1								1		2	12			
1	18	6	49	138	27	112	2,916	25	10	16	40	8	41	12	14	14	9	6	18	15	173	401	3,317		
	2	2		15	2	25	269	2		2	3		2	1	2	1	1		2		5	20	289		
	1	1	4	14	5	6	293	3	4	2	3	1	4	1		1	1		1	22	45	338			
	2	1	10	18	2	42	386	3	1	1	3		4	1	1		1	1	4	9	29	415			
	3	1	3	10	3	9	203	2		2	2		3	1	1	1	1			8	21	224			
	2		8	8	2	12	282	2		1	1	2	1	1		1	1	1	1	8	20	302			
	2	1	3	5	1	1	181	1	1	1	2	1	1			1		2	1	12	23	204			
	1			4	1	4	144	1		1	2		1			1	1	1	1	3	13	157			

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
8	Randolph County M. Co.	Coulterville	1	6			1	1		70	2			1	2
9	Willis Coal & Mining Co., No. 9	Percy	2	2		1	1	1	48		4	3	3	1	
10	Willis Coal & Mining Co., No. 7	Sparta	1	2			1	1	84		2			1	
Total			18	129	5	17	12	15	972	413	38	62	62	9	12
WASHINGTON COUNTY—NINTH DISTRICT															
1	Centralia Coal Co., No. 5	Centralia	12			16	3	8	162	243	60	13	13	2	8
2	Nashville Mining Co.	Nashville	1	4			1	1	44		1	2	2		
3	Kuhn Coalery Co.	DuBois	2	5			1	1		40					
Total			15	9		16	5	10	206	283	61	15	15	2	8
FRANKLIN COUNTY—TENTH DISTRICT															
1	Chicago, Wilm. & F. C. Co., "I"	Orient	4		3	18	6	7	525	30	70	50	50	3	8
2	Bell & Zoller C. M. Co., No. 1	Zeigler	2			21	8	11	565	72	84	34	34	1	8
3	Western Coal & M. Co., No. 2	Bush	3			7	3	6	232	263	43	15	15	13	4
4	Bell & Zoller C. M. Co., No. 2	Zeigler	2			12	4	6	322		41	21	21	1	4
5	Franklin Coal & Coke Co., No. 1	Royalton	2	10	1	6	5	1	370		26	28	28	1	4
6	Old Ben Coal Corp., No. 11	Christopher	3			10	8	10	308	60	39	30	30	2	6
7	Old Ben Coal Corp., No. 8	W. Frankfort	2	1		15	7	6	425		44	42	42	2	7
8	Old Ben Coal Corp., No. 9	W. Frankfort	2			14	6	6	493		38	37	37	2	8
9	Southern Gem Coal Corp., No. 1	W. Frankfort	2	22	4	8	3	1	300		22	30	30	1	6
10	Franklin Co. Mining Co.	Benton	4	18	1	4	2	1	285		14	18	18	1	3
11	United States Fuel Co.	Benton	2	22		8	6	1	303		20	21	21	5	4
12	Valier Coal Co., No. 1	Valier	1		2	12	6	1	270		44	35	35	1	8
13	Old Ben Coal Corp., No. 14	Buckner	2			6	4	8	310	20	36	25	25	2	6
14	Southern Gem Coal Corp., No. 2	Sesser	2		1	9	4	1	296		36	18	18	2	4
15	Taylor Coal Co., No. 5	Herrin	2	20	1	1	2	2	120	140	3	1		1	4
16	Old Ben Coal Corp., No. 10	Christopher	2			5	5	6	180	80	34	18	18	1	4
17	Benton Coal Mining Co., No. 1	Benton	3	10	2	4	6	4	255	10	11	23	23	3	4
18	Black Star Coal Co.	Logan	2	18		4	2	1	254		8	20	20	1	4
19	Old Ben Coal Corp., No. 16	Sesser	2	2	2	6	5	4	225	4	40	25	25	3	4
20	By-Products C.&C. Corp., No. 18	W. Frankfort	1			5	3	1	180		20	12	12	2	4
21	Old Ben Coal Corp., No. 12	Christopher	2			10	5	8	280	10	30	18	18	1	6
22	Benton Coal Mining Co., No. 2	Benton	2	20	1	4	3	5	135		4	24	24	1	4
23	Old Ben Coal Corp., No. 15	Ezra	2	1		4	2	3	200		20	22	22	1	3
24	Old Ben Coal Corp., No. 19	Rend	4	15	1	7	2	1	138		8	11	14	1	4
25	By-Products C.&C. Corp., No. 19	W. Frankfort	2	23		4	4	4	190		6	12	12	1	4
Total			57	182	19	204	111	105	7,161	689	741	590	592	53	125
			†111 †105												
GALLATIN COUNTY—ELEVENTH DISTRICT															
1	Hickory Hill Coal Co.	Equality		14	1	2	1	1	90		4	6	6	2	
SALINE COUNTY—ELEVENTH DISTRICT															
1	Harrisburg Colliery Co., Harco.	Harco	2			4	6	1	375		30		42	3	2
2	Big Creek Coals Co., No. 3	Harrisburg	3	4	1	6	3	1	341		40	15	15	8	4
3	Wasson Coal Co., No. 1	Harrisburg	2	35	4	6	3	2	252	12	16	12	12	2	4
4	Southern Cos. Coal Co., No. 20	Eldorado	2	23		6	3	1	250		3	9	9		4
5	O'Gara Coal Co., No. 1	Harrisburg	2	30	1	4	2	7	290		9	5	40	3	4

Continued

Underground											On surface											Total—all employees	Number
Shot firers' runners	Spraggers	Stablenmen	Timberman	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi-neers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenmen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface		
...	1	...	3	...	3	...	91	1	...	...	2	...	1	...	...	1	...	1	1	...	5	12
...	1	...	4	...	11	...	82	1	...	...	1	...	1	...	...	1	...	1	...	4	9	91
...	...	...	...	...	...	...	92	...	...	...	3	...	1	...	...	...	1	...	...	...	5	97
...	15	6	28	81	16	113	2,023	16	6	10	22	4	19	5	4	7	4	2	12	10	76	197	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,220
2	...	...	16	36	14	60	668	4	3	3	4	...	8	1	2	1	...	1	1	4	18	50
...	...	...	...	2	1	...	59	1	...	1	1	...	1	1	...	1	1	1	...	...	8	67
2	...	...	...	...	...	...	51	1	...	...	2	...	1	...	...	1	...	1	...	...	7	58
4	...	...	16	38	15	60	778	6	3	4	7	...	10	2	2	3	...	2	3	4	19	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	843
...	8	...	17	56	25	20	900	2	2	8	4	6	3	10	3	2	1	3	2	12	150	208	
4	...	...	14	54	20	50	982	4	5	4	3	2	3	1	5	1	1	2	1	12	102	146
1	...	...	16	28	8	42	699	4	2	7	1	3	7	1	4	1	...	2	2	4	31	67
2	...	...	12	32	6	90	576	3	3	4	1	4	3	1	7	1	1	1	3	...	66	99
2	...	...	4	26	7	18	539	2	2	5	4	...	5	1	4	1	1	1	2	5	60	93
2	...	...	12	52	10	51	633	2	2	8	4	3	4	1	6	2	...	3	2	6	63	106
2	...	...	10	34	17	100	756	2	2	4	2	2	10	1	1	2	1	2	2	11	60	102
1	...	...	19	33	14	97	808	4	5	9	4	...	6	1	1	...	2	1	7	79	119	
2	...	...	6	30	6	...	484	1	2	7	2	2	8	1	4	1	2	2	1	10	20	63
3	...	...	14	8	4	4	402	4	2	2	3	1	4	1	2	1	2	1	2	2	29	55
2	...	...	57	34	8	145	667	4	4	...	3	1	3	2	1	1	2	1	1	5	45	73
4	...	...	30	40	28	9	526	3	3	2	2	3	3	1	4	1	1	1	8	39	71	
4	...	...	16	30	6	...	500	3	3	1	4	...	5	1	4	...	1	1	6	75	105	
4	...	...	8	20	15	43	481	2	2	4	3	...	8	1	4	1	1	1	3	28	58	
3	...	...	2	10	11	14	337	1	1	1	3	...	4	1	1	1	1	1	1	25	42	
2	...	...	10	25	6	4	400	2	2	6	4	2	5	1	4	...	2	1	4	45	78	
4	1	...	10	19	4	6	402	1	1	3	3	1	7	1	1	1	1	1	6	20	47		
3	...	...	12	20	3	10	382	2	1	1	4	...	6	1	...	1	1	1	4	17	40	
3	...	...	18	24	9	40	441	3	2	1	4	...	5	1	4	1	1	1	5	36	65	
2	...	...	8	13	6	...	269	2	2	...	3	1	4	1	2	1	1	2	4	26	50	
3	...	...	8	36	14	45	494	3	2	4	2	2	7	1	2	1	...	2	1	41	80	
8	1	...	12	16	7	12	283	2	1	2	3	...	5	2	1	1	1	1	5	28	52		
...	...	...	6	12	6	13	318	2	2	6	2	2	3	1	2	...	1	2	2	40	67	
2	...	...	12	19	10	26	275	1	1	3	3	1	6	1	...	1	1	2	5	31	56	
3	...	...	10	13	13	...	301	1	1	2	3	...	3	1	2	1	1	3	5	19	43	
6	89	2	343	684	263	839	12,855	60	55	94	74	36	127	36	69	23	19	35	35	147	1,175	1,985	
...	2	...	2	10	3	15	159	2	...	1	1	...	3	1	...	1	1	1	...	8	20		
...	4	...	10	5	...	95	579	2	...	2	3	...	6	1	2	1	...	1	1	2	25	46	
...	5	1	7	31	4	56	545	3	3	4	3	...	3	2	4	1	...	1	2	20	46		
4	10	1	8	20	9	14	428	2	1	2	3	...	3	1	...	1	1	1	1	20	36		
...	7	1	8	8	3	14	351	3	3	2	3	...	4	1	1	1	...	2	3	14	37		
2	4	...	3	17	4	3	430	2	1	2	3	...	2	1	1	1	1	1	1	38	55		

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
6	Big Creek Coals Co., No. 2	Lidford	3	24	2	3	2	1	254		10	11	11	5	
7	O'Gara Coal Co., No. 10	Eldorado	2	24	1	3	2	5	186		7	3	15	1	4
8	J. K. Dering Coal Co., No. 2	Eldorado	1			3	2	1	225		20	12	12	1	4
9	O'Gara Coal Co., No. 3	Harrisburg	2	30	1	5	2	5	259		8	5	25	2	
10	O'Gara Coal Co., No. 8	Eldorado	2	22	1	4	2	5	143		6	3	12	1	3
11	Harrisburg Coal Co., B. B.	Harrisburg	2	14	1	2	1	1	65		4	4	4	3	2
12	O'Gara Coal Co., No. 11	Eldorado	2	22	1	3	2	4	170		6	3	22	2	2
13	O'Gara Coal Co., No. 15	Harrisburg	2	21	1	3	2	4	213		8	2	25	5	
14	O'Gara Coal Co., No. 12	Harrisburg	2	20	1	4	2	4	129		6	3	14	3	
15	Saline Gas Coal Co., No. 1	Harrisburg	2	5			1	1		70				1	2
16	Wasson Coal Co., No. 2	Harrisburg	1			3	1	1	130		18	7	7	3	
17	Heato Coal Co., No. 1	Carrier Mills	1	3				1	30						1
18	Dodds Coal Co., No. 1	Carrier Mills	1	4			1	1	39	2		2	2	2	1
Total			34	281	15	59	37	46	3,351	84	191	96	267	45	37
WHITE COUNTY—ELEVENTH DISTRICT															
1	White County Mining, M. C. 1	Norris City	1	22	1	1	1	2	95			6	6	1	
WILLIAMSON COUNTY—TWELFTH DISTRICT															
1	Madison Coal Corp., No. 9	Dewmaine	5	6	1	4	3	8	186	179	24	13	13	6	6
2	Peabody Coal Co., No. 3	Marion	1	34		8	3	1	300	65	10	21	21	8	6
3	Consolidated Coal Co., No. 7	Herrin	3	18		3	2	1		373	14			3	6
4	C. W. & F. Mining Co., "A"	Herrin	3	24	1	9	3	6	210	13	15	19	19	4	6
5	Big Muddy Coal Co., No. 26	Marion	2	20		6	1	1	227		6	19	19	5	4
6	Pratt Brothers Coal Co., Jeff.	Herrin	2	25	1	1	2	4		308	10	1	1	6	4
7	Freeman Coal Mining Co.	Herrin	6	20	1	2	2	3	138	64	4	8	8	1	4
8	Consolidated Coal Co., No. 8	Clifford	2	18		2	2	1	57	300	14			8	6
9	West Virginia Coal Co., No. 1	Marion	4	16	1	3	2	3	220	10	6	12	12	3	2
10	Ernest Coal Co., No. 1	Johnston City	1	12	1	5	2	1	156	28	14	8	8	2	4
11	Madison Coal Corp., No. 8	Dewmaine	4	4	1	3	2	6	8	183	20			2	4
12	Consolidated Coal Co., L. C.	Johnston City	1		3	2	2	1	85	200	24	5	5	2	4
13	Searles Coal Co.	Johnston City	3	12	2	4	3	1	190	20	12	16	16	2	4
14	Federal Coal Co., No. 25	Carterville	2	18		1	1	1		218	4			3	4
15	Old Ben Coal Corp., No. 18	Johnston City	5		2	8	2	4	280	5	28	32	32	1	4
16	St. Louis Coal & Iron Co.	Johnston City	4	19	2	1	6	3	74	86	6	6	6	4	4
17	Scranton Coal Mining Co.	Marion	3	22	2	2	2	1		207	4			2	4
18	Henderson-Wallace Coal Co.	Marion	2	10	1	2	1	1	83	61	4	8	8	4	2
19	Madison Coal Corp., No. 12	Cambria	2			2	1	4	110		5		5	5	2
20	Taylor Coal Co., No. 2	Herrin	2	17	1	1	2	2		170	2			3	2
21	Slago Coal Corp.	Marion	1	15		2	1	2	51	117	2	6	6	2	2
22	Johnston City Washed Coal Co.	Whiteash	3	20		3	2	4	85	135	6	4	4	5	4
23	Sanford Coal Co., No. 3	Marion	2			4	1	1	160					2	2
24	Chicago Big Muddy C. & M. Co.	Marion	2	9	1	2	1	1	102		4	7	7	3	2
25	Old Ben Coal Corp., No. 20	Herrin	2	12	1	5	2	1	185		16	15	15	4	4
26	Cameron Coal Co.	Marion	2	19	1		1	1		105				2	2
27	Old Ben Coal Corp., No. 17	Johnston City	4	11	1	4	3	5	197		18	11	11	3	4
28	Sunnyside Mining Co.	Herrin	1	19	1		2	1	6	220	10			3	5
29	Orchard Coal Co.	Marion	2	15	2	1	1	1	85	60		8	8	2	2
30	Sincerity Coal Co.	Marion	2	15	1	2	1	1	43	140	4	4	3	5	2
31	Binkley Coal Co., No. 1	Marion	1	16	1	1	1	1		120				3	2
32	Taylor Coal Co., No. 3	Herrin	2	24	1		1	1		130				2	2
33	Hoper Washed Coal Co.	Carterville	1	13	2	1	1	1		125	2			2	2
34	Ernest Coal Co., No. 2	Pittsburg	2	7	1	2	2	1	72		8	14	14	2	2
35	Southern Illinois Coal Co.	Marion													
36	Carterville & Big Muddy C. Co.	Herrin	3	14	1	2	1	1	60	80	4	3	4	6	2
37	Taylor Coal Co., No. 1	Herrin	2	12	1	1	1	1		125	2			3	2

Continued

Underground										On surface														
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
											Hoisting	Other												
2	2	2	3	3	3	71	410	3	2	3	3	3	2	1	2	1	1	1	1	1	17	36	446	6
2	4	2	3	15	4	3	286	2	1	3	3	1	2	1	1	1	1	1	1	2	17	36	322	7
2	1	2	4	12	5	43	349	3	1	2	2	1	1	1	1	1	1	1	1	5	15	39	388	8
3	4	2	3	14	5	5	236	2	1	1	1	1	1	1	1	1	1	1	1	1	21	37	273	9
2	3	2	2	15	4	5	380	2	1	4	1	1	1	1	1	1	1	1	1	1	11	31	411	10
2	3	3	2	5	1	1	114	1	1	1	1	1	1	1	1	1	1	1	1	1	14	24	138	11
2	3	2	3	14	4	4	271	2	1	2	3	1	2	1	1	1	1	1	1	1	8	24	295	12
5	2	3	3	17	2	5	320	2	1	2	3	1	2	1	1	1	1	1	1	1	20	37	357	13
4	2	4	4	17	4	5	224	2	1	1	1	1	2	1	1	1	1	1	1	1	10	22	246	14
3	1	1	2	2	2	12	85	1	1	1	1	1	3	1	1	1	1	1	1	1	11	96	15	
3	3	3	11	2	2	12	202	1	1	1	1	3	1	1	1	1	1	1	1	1	11	23	225	16
2	2	2	2	1	1	1	36	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	41	17
2	2	2	2	1	1	1	60	1	1	1	2	1	1	1	1	1	1	1	1	2	10	70	18	
15	63	17	74	208	53	333	5,306	35	19	32	45	10	42	17	18	16	4	12	19	23	263	555	5,861	
...	2	...	1	6	4	18	167	2	2	1	1	1	...	1	2	1	1	2	7	21	188	1
...	2	1	24	23	2	18	524	4	...	10	4	...	7	1	2	1	1	1	1	8	20	59	583	1
3	1	2	9	18	6	6	520	2	2	1	3	...	4	...	2	1	1	2	5	29	52	572	2	
2	2	3	17	8	15	22	469	2	1	4	3	2	3	1	2	1	2	2	7	4	35	504	3	
2	1	8	12	7	32	440	379	3	2	3	1	...	4	2	2	1	2	2	2	32	59	438	4	
4	9	17	2	43	11	297	372	1	1	1	3	...	3	1	1	1	1	1	4	14	32	404	5	
1	1	2	4	13	4	11	440	1	1	7	3	...	4	1	1	1	1	1	4	14	37	477	6	
3	3	10	16	9	22	473	2	1	4	3	...	...	3	1	2	1	2	2	3	26	53	350	7
4	1	1	2	2	3	17	303	2	1	2	3	...	3	1	1	1	1	1	2	41	65	538	8	
1	1	6	10	...	17	281	1	2	2	3	...	...	2	1	1	1	1	1	2	12	29	310	9
2	1	14	11	2	14	283	1	1	3	3	...	...	5	1	1	1	1	1	6	16	39	322	11
2	1	9	12	3	10	371	2	1	3	3	...	...	3	1	2	1	1	1	2	20	40	411	12
2	5	2	8	8	6	20	336	1	1	1	4	...	4	1	2	1	1	1	4	24	45	381	13	
2	2	1	4	9	4	9	272	1	1	2	3	...	1	1	1	1	1	1	3	9	23	295	14	
...	1	7	9	6	16	453	3	3	3	3	2	...	4	1	8	1	1	1	3	29	64	517	15	
4	4	4	6	6	1	260	2	...	3	...	3	...	3	1	1	1	1	1	4	33	50	310	16	
4	4	6	5	...	1	270	1	2	2	2	1	...	3	1	2	1	1	1	3	10	30	300	17	
10	12	...	15	...	...	204	1	1	...	3	...	...	1	1	1	1	1	1	1	6	18	222	18
3	4	9	2	20	20	173	1	2	10	3	...	...	3	1	5	1	1	1	3	20	51	224	19
2	8	6	3	12	10	240	1	1	1	3	...	...	4	1	4	1	1	1	7	18	44	284	20
3	1	3	8	...	10	238	2	1	1	3	...	...	1	1	1	1	1	1	2	20	35	273	21
1	1	4	12	2	19	300	2	2	3	3	...	...	4	1	3	1	1	1	3	12	36	336	22
2	1	3	7	1	1	210	2	1	1	3	...	...	4	1	1	1	1	1	1	11	28	238	23
5	9	11	4	15	306	4	2	4	2	3	...	...	5	1	2	1	1	1	2	16	31	187	24
1	12	8	6	1	162	1	1	1	1	3	...	...	1	1	1	1	1	1	2	5	19	181	26
2	2	7	13	4	18	318	4	...	3	3	...	...	4	1	3	1	1	1	4	17	42	360	27
...	10	12	11	10	315	2	1	2	3	1	...	...	6	1	2	1	1	1	3	17	42	357	28
2	1	2	2	...	...	194	1	1	...	2	1	...	2	1	1	1	1	1	1	5	18	212	29
2	1	4	6	2	...	238	1	1	2	3	...	...	1	1	1	1	1	2	3	10	27	265	30
2	1	2	11	2	1	165	1	1	1	1	...	...	1	1	1	1	1	1	1	5	14	179	31
1	1	2	4	2	...	173	1	1	1	3	...	...	2	1	1	1	1	1	1	14	27	200	32
2	3	4	4	1	1	162	1	1	1	3	...	...	1	1	1	1	1	1	2	8	21	183	33
2	3	6	5	4	8	155	2	1	1	3	...	...	1	1	2	1	1	1	1	4	20	175	34
4	1	3	2	...	5	1	2	1	1	1	1	1	30	48	48	35
2	2	8	8	6	10	217	2	2	3	3	...	...	2	1	2	1	1	1	2	10	31	238	36
...	5	8	...	...	5	170	1	1	1	1	3	...	3	1	1	1	1	1	1	15	30	200	37

Concluded

Underground											On surface													
Shot firers' runners	Spraggers	Stablenen	Timberman	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
...	3	1	11	20	3	28	328	1	1	...	3	1	3	2	1	1	1	1	2	1	32	49	377	38
...	1	2	...	...	56	1	...	...	1	...	...	...	1	1	1	...	1	...	2	8	64	39
...	1	...	...	25	...	...	...	1	2	2	1	...	1	1	1	...	1	11	3	28	40
...	10	...	...	...	1	...	...	...	...	1	1	1	...	...	1	20	20	41
...	14	...	...	...	3	...	3	1	...	1	1	1	...	2	...	12	26	43
...	1	...	...	27	...	...	...	1	...	...	...	...	1	1	1	...	...	...	3	30	44
...	2	...	...	43	1	...	...	1	...	...	...	...	1	1	1	...	...	...	6	49	45
...	13	...	...	...	1	...	...	...	...	1	...	...	...	...	1	3	16	46
...	1	4	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	5	47
...	1	2	1	1	...	1	1	1	...	...	9	17	17	48
...	10	...	...	...	1	...	...	...	...	1	1	1	...	...	...	1	11	49
...	4	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2	6	50
22	70	24	253	393	134	437	10,933	68	40	89	125	16	121	41	63	44	33	31	48	113	660	1,492	12,425	

OF MINE EMPLOYEES BY DISTRICTS

On surface																					District
Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engin- eers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—All employees			
						Hoisting	Other														
61	268	4,099	24	9	20	47	12	36	17	17	12	6	8	23	21	221	473	4,572	First		
38	89	3,009	26	5	12	29	10	17	16	8	13	8	5	22	26	119	316	3,325	Second		
20	62	2,205	22	2	4	28	10	10	9	3	13	3	5	16	16	58	199	2,404	Third		
86	343	8,442	45	15	36	82	12	42	24	15	28	9	19	40	72	272	711	9,153	Fourth		
90	650	7,066	41	26	17	77	17	58	24	8	30	6	12	34	52	579	981	8,047	Fifth		
99	1,112	10,034	66	38	53	68	17	89	23	25	12	12	13	34	42	377	869	10,903	Sixth		
74	342	5,162	43	19	33	53	3	51	14	12	15	3	10	24	38	227	545	5,707	Seventh		
57	227	7,343	67	17	37	98	13	65	22	10	31	4	16	55	42	260	737	8,080	Eighth		
89	315	7,130	60	22	37	90	16	86	23	26	30	22	13	43	38	361	867	7,997	Ninth		
263	839	12,855	60	55	94	74	36	127	36	69	23	19	35	35	147	1,175	1,985	14,840	Tenth		
60	366	5,632	39	19	33	48	11	46	19	18	18	7	14	21	25	298	596	6,228	Eleventh		
134	437	10,933	68	40	89	125	16	121	41	63	44	33	31	48	113	660	1,492	12,425	Twelfth		
1,071	5,052	83,910	561	267	465	819	173	748	268	274	269	132	181	395	632	4,587	9,771	93,681	The State		

TABLE 13—COMMERCIAL CLASSIFICATION OF

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small egg	Stove	Chestnut
BUREAU COUNTY—FIRST DISTRICT							
1	Springvalley Coal Co., No. 3.....	Springvalley..	42,075	63,113			
2	Illinois Third Vein Coal Co., No. 1.	Ladd.....	31,402	34,288			
3	Springvalley Coal Co., No. 1.....	Springvalley..	21,907	32,861			
4	Springvalley Coal Co., No. 5.....	Dalzell.....	26,642	39,963			
5	St. Paul Coal Co., No. 2.....	Cherry.....	2,653	132			
Total.....			124,679	170,357			
GRUNDY COUNTY—FIRST DISTRICT							
1	C. W. & F. Coal Co., No. 3.....	S.Wilmington.	76,095	20,192	13,105	7,658	
2	Wilmington Star Mining Co., No. 7	Coal City.....	19,295		6,419		
Total.....			95,390	20,192	19,524	7,658	
Note—567 tons lost in preparation							
LASALLE COUNTY—FIRST DISTRICT							
1	LaSalle Co. C. C. Co., No. 1.....	LaSalle.....	28,746	13,972			
2	LaSalle Co. C. C. Co., LaSalle....	LaSalle.....	31,283	3,315			
3	LaSalle Co. C. C. Co., Union.....	LaSalle.....	25,077	5,071			
4	Illinois Zinc Co., No. 3.....	Peru.....	3,977	41,224			
5	LaSalle Co. C. C. Co., No. 5.....	Cedar Point...	13,983	16,075			
6	Seneca Coal Co., G. & J.....	Seneca.....	7,524				
Total.....			110,590	79,657			
LIVINGSTON COUNTY—FIRST DISTRICT							
1	Murphy, Linskey & K. C. Co., No.1	Pontiac.....	8,151		4,849		
2	Fairbury Coal Co.....	Fairbury.....	2,917		854	1,709	
Total.....			11,068		5,703	1,709	
MERCER COUNTY—FIRST DISTRICT							
1	Alden Coal Co., No. 7.....	Matherville...	17,502				
2	Coal Valley Mining Co., No. 3....	Matherville...					
Total.....			17,502				
PUTNAM COUNTY—FIRST DISTRICT							
1	St. Paul Coal Co., No. 1.....	Granville.....	3,692				
2	B. F. Berry.....	Standard.....	15,973	6,205	24,040		
Total.....			19,665	6,205	24,040		

THE OUTPUT OF SHIPPING MINES

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		23,505	592	129,285	C. & N. W.	22,208	95,541		1
					C. M. & St. P.	951	62,469	7,925	
		18,421	13,673	97,784	C. B. & Q.	761			2
					C. & N. W.	477			
		10,358	23,818	88,944	C. & N. W.	24,286	32,861	7,285	3
		13,596	1,692	81,893	C. & N. W.	12,105	56,605		4
		8,508	58,649	69,942	C. M. & St. P.	49	58,767		5
		74,388	98,424	467,848		60,837	306,243	15,210	
	33,361			150,411	E. J. & E.	133,159			1
	664	11,436		37,814	E. J. & E.	26,714			
					C. & A.	2,154			2
					A. T. & S. F.	5,058			
	34,025	11,436		188,225		167,085			
		12,276	52,545	87,539	I. C.	46,369			1
					C. B. & Q.	25,283			
		16,063	5,347	56,008	I. C.	14,596			2
					C. R. I. & P.	8,897			
		16,617	4,301	51,066	C. R. I. & P.	21,589		3,203	3
		1,471		46,672	C. B. & Q.				
		10,524	155	40,737	C. R. I. & P.	41,224			4
					C. M. & St. P.	13,674	20,850		5
		1,303		8,827	C. C. C. & St. L.	241			
					C. R. I. & P.	1,814			6
		58,254	42,348	290,849		173,687	20,850	3,203	
		5,544	4,412	22,956	C. & A.	8,902			1
		2,363	7,843	15,686	I. C.	1,864			
					Wabash	80			2
					T. P. & W.			8,980	
		7,907	12,255	38,642		10,846		8,980	
		4,319	83,774	105,595	R. I. S.	15,756	85,610		1
			16,889	16,889	R. I. S.	15,625			2
		4,319	100,663	122,484		31,381	85,610		
		446	123,386	127,524	C. M. & St. P.	76	114,424	1,326	1
		5,519		51,737	C. M. & St. P.	19,229	21,088		2
		5,965	123,386	179,261		19,305	135,512	1,326	

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of ou				
			Lump	Furnace	Small Egg	Stove	Chestnut
MARSHALL COUNTY—SECOND DISTRICT							
1	Toluca Coal Co., No. 1.....	Toluca.....	20,891				
2	Wenona Coal Co.....	Wenona.....	34,034		6,609	7,691	
	Total.....		54,925		6,609	7,691	
PEORIA COUNTY—SECOND DISTRICT							
1	Clark Coal & Coke Co., Empire...	Peoria.....	39,993	47,488	998		
2	M. E. Case Coal Co.....	Peoria.....	24,106	27,745			
3	Newsam Bros. Coal Co., No. 5....	Peoria.....	5,159	10,821			
4	Logan Coal Co.....	Hanna City....					
5	Newsam Bros. Coal Co., No. 4....	Glasford.....	23,140	11,396			
6	Wolschlag Co-oper. Coal Co.....	Peoria.....		23,860			
7	Crescent Coal Co., No. 1.....	Peoria.....	21,511	6,464			
8	Central West Coal Co.....	Edwards.....	9,525	9,479			
9	Colliers Co-oper. Coal Co.....	Bartonville....	1,891				
10	Silver Creek Col. Co., No. 2.....	Edwards.....	5,282				
11	Lancaster Coal Co., No. 1.....	Kingst'n Mines	11,375				
12	East Mapleton Coal Co., No. 1....	Mapleton.....	2,000				
13	Newsam Bros. Coal Co., No. 6....	Peoria.....					
	Total.....		143,982	137,243	998		
	Note 1—16,494 tons shipped by boat Note 2—7,226 tons lost in preparation						
TAZEWELL COUNTY—SECOND DISTRICT							
1	Groveland Mining Co., No. 2.....	Pekin.....	48,629				
2	Tazewell Coal Co.....	Pekin.....	47,187	51			
3	Lake Erie Mining Co.....	Peoria.....	42,838				
4	Ubben Coal Co.....	Pekin.....	10,375				
5	Regal Coal Co.....	Pekin.....	5,696				
6	East Peoria Mining Co.....	E. Peoria.....	2,400				
	Total.....		157,125	51			
	Note—219 tons lost in preparation						
WOODFORD COUNTY—SECOND DISTRICT							
1	Roanoke Coal Co.....	Roanoke.....	28,236	2,942			
2	Minonk Coal Co.....	Minonk.....	21,000	18,000			
	Total.....		49,236	20,942			
FULTON COUNTY—THIRD DISTRICT							
1	Cripple Creek Coal Co., Nos. 1 & 2	Bryant.....	38,627	118,409			
2	Silver Creek Coal Co., No. 1.....	Farmington...	34,476	32,364	638	1,012	
3	National Coal Mining Co., Nat....	Farmington...	33,175	36,303			
4	Canton Coal Co.....	Canton.....	32,456	49,268	701		
5	Alden Coal Co., No. 8.....	Farmington...	18,090	48,932			

Continued

Output of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		271	110,845	132,007	{ A. T. & S. F.	2,602	88,621	29,456	
					{ C. & A.	1,545		17	1
					{ I. C.	25,123			
		12,845	255	61,434	{ C. & A.	22,541			2
		13,116	111,100	193,441		51,811	88,621	29,473	
		95,129	63,501	247,109	M. & St. L.	194,555	52,554		1
		14,248	132,285	198,384	P. Ry. Terminal..	63,659	134,725		2
		7,336	81,808	105,124	P. Ry. Terminal..	37,714	67,410		3
			96,135	96,135	M. & St. L.	93,891			4
		14,348	37,084	85,968	M. & St. L.	38,298	44,627		5
		13,201	29,232	66,283	P. & P. U.	11,773	54,510		6
		13,561	9,844	51,380	C. B. & Q.	43,957	6,464		7
		7,658	1,317	27,979	C. B. & Q.	21,112	6,219		8
		340	22,007	24,238	P. & P. U.	23,305			9
		2,263		7,545	C. B. & Q.	7,545			10
		3,095	5,762	20,232	Boat.	16,494			11
		500	4,480	6,980	T. P. & W.	4,980			12
			6,755	6,755	P. Ry. Terminal..	6,755			13
		171,679	490,210	944,112		564,038	366,509		
		24,115	290,975	363,719	P. & P. U.	2,916	260,331		1
		30,866	15,163	93,267	{ A. T. & S. F.	10,026	173,842		
		21,502	23,545	87,885	{ C. C. C. & St. L.	438	90		2
		6,917	17,292	34,584	P. & P. U.	31,734	43,779		3
		4,194	12,736	22,626	C. C. C. & St. L.	21,375			4
		2,300	1,100	5,800	A. T. & S. F.	20,774		655	5
					I. T. S.	177			6
		89,894	360,811	607,881		87,440	478,042	655	
		6,713	18,113	56,004	{ A. T. & S. F.	18,026	24,343	3,656	1
	4,800	4,913		48,713	{ A. T. & S. F.	11,650			
					{ I. C.	20,250			2
	4,800	11,626	18,113	104,717		49,926	24,343	3,656	
		74,961	47,620	279,617	{ C. B. & Q.	95,891	59,248		1
		48,582	32,601	149,673	{ A. T. & S. F.		122,484		
		50,929	17,002	137,409	{ N. W.		1,994		
					M. & St. L.	96,524	52,709		2
					M. & St. L.	59,800	76,469		3
					{ C. B. & Q.	80,844	28,705		
		42,023	9,277	133,725	{ A. T. & S. F.		22,997		4
		43,702	7,405	118,129	M. & St. L.	53,916	59,298		5

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
6	Spoon River Col. Co.....	London Mills.....	21,763		15,748		
7	Binzel Coal Co., No. 1.....	Farmington.....	9,976	26,633			
8	Rewalt Coal Co.....	Canton.....	5,359	13,398			
9	Maplewood Coal Co., No. 1.....	Farmington.....	6,311	19,689			
10	Shuler & Long Coal Co.....	Fairview.....					
11	Simmons Coal Co.....	Canton.....	3,975	6,825			
12	Monmouth Coal Co., No. 1.....	Brereton.....	5,573	4,557		47	
13	Coal Creek Mining Co., No. 1.....	Fairview.....	593		242		
14	Eclipse Coal Co.....	Astoria.....					
15	W. Donaldson Coal Co., No. 1.....	Cuba.....					
16	Middleton Coal Co.....	Canton.....	3,340	3,448			
17	Robt. Gooden Coal Co.....	Farmington.....	5,954				
18	Joe McGlaughlin & Sons.....	Canton.....					
19	Alden Coal Co., No. 6.....	Norris.....	2,059	1,721			
20	Big Six Coal Co., No. 1.....	Fairview.....					
21	G. and L. Coal Co.....	Canton.....					
	Total.....		221,727	361,547	17,329	1,059	
	Note—2,153 tons lost in preparation						
	LOGAN COUNTY—FOURTH DISTRICT						
1	Sangamon County M. Co.....	Lincoln.....	60,095	15,275		20,030	
2	Citizens Coal Mining Co.....	Lincoln.....	63,729	15,870		3,373	
	Total.....		123,824	31,145		23,403	
	Note—181 tons lost in preparation						
	MENARD COUNTY—FOURTH DISTRICT						
1	Union Fuel Co.....	Athens.....	16,796	25,729			3,000
	SANGAMON COUNTY—FOURTH DISTRICT						
1	Madison Coal Corp., No. 6.....	Divernon.....	96,103	289,710			
2	Peabody Coal Co., No. 6.....	Sherman.....	130,353	116,869		1,464	
3	Springfield Dist. C. M. Co., No. 55	Springfield....	96,862	54,308			
4	Peerless Coal Co.....	Springfield....	94,897	82,684	14,268	18,120	
5	C. Wilm. & F. Coal Co., No. 1.....	Thayer.....	70,091	138,129			
6	Panther Creek Coal Co.....	Auburn.....	197,287				
7	Citizens Coal Mining Co., B.....	Springfield....	85,513	69,211	8,774	29,414	
8	Springfield Dist. C. M. Co., No. 57	Springfield....	97,508	51,807		3,741	
9	Spring Creek Coal Co.....	Springfield....					

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		30,662	12,932	81,105	C. B. & Q.	62,013	452		
					N. W.		12,880		6
	705	20,194	7,659	65,167	M. & St. L.		282		7
		8,038	26,795	53,590	M. & St. L.	25,294	38,538		8
		13,022	6,260	45,282	T. P. & W.	51,811			9
			35,243	35,243	M. & St. L.	10,210	31,088		10
		4,429	4,500	19,729	C. B. & Q.	35,243			11
		5,125	2,523	17,825	C. B. & Q.	9,776	9,953		12
					C. B. & Q.	9,404	6,781		13
		575	14,170	15,580	C. B. & Q.	680	242		14
			9,931	9,931	A. T. & S. F.		14,658		15
			9,419	9,419	C. B. & Q.	6,400			16
			2,080	8,868	C. B. & Q.	9,419			17
450		1,821		8,225	T. P. & W.	8,772			18
			6,844	6,844	C. B. & Q.	1,821			19
		2,801		6,581	T. P. & W.	3,680	320		20
			5,148	5,148	C. B. & Q.	4,100	1,508		21
			2,260	2,260	C. B. & Q.	5,148			
					T. P. & W.	2,200			
450	705	346,864	259,669	1,209,350		632,946	540,606		
		37,393	54,646	187,439	C. & A.	77,308	21,760		1
		37,167	24,685	144,824	I. C.	56,840			2
					I. C.	49,777	14,176	21,949	
					C. & A.	355			
		74,560	79,331	332,263		184,280	35,936	21,949	
		27,834	7,003	80,362	C. P. & St. L.	49,169	24,653		1
		74,374	129,400	589,587	I. C.		553,879		2
		136,809	7,085	392,580	C. & A.	385,802			3
		70,250	166,562	387,982	C. & A.	80,205	225,551		
					Wabash.	71,230			
					C. & A.	154,859	27,565		
					Wabash.	85,534	29,872	1,950	
		124,983	39,125	374,077	I. C.	21,700			4
					I. T. S.	40,077			
					C. I. & W.	1,773			
		99,088	57,376	364,684	C. P. & St. L.	5,421			
					C. & A.	103,233	40,467		
					C. B. & Q.	63,916	118,498		
					C. & N. W.	15,319	2,710		5
					I. T. S.	862			
		139,172	10,127	346,586	C. & A.	100,360	234,999		6
		81,350	2,395	276,657	C. P. & St. L.	235,198	35,858		7
					I. C.	151,354			
		86,532	35,639	275,227	C. I. & W.	66,956			8
					I. T. S.	8,156			
					B. & O.	3,801			
					B. & O.	99,522	92		
			269,374	269,374	M. & O.		52,108		9

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
10	Sangamon Co. Mining Co., Jeff....	Springfield....	61,900	122,400			
11	Sangamon Coal Co., No. 2.....	Springfield....	87,165	80,924			297
12	Illinois Coal & Coke Corp., No. 1.	Springfield....	72,964	80,723			
13	West End Coal Co.....	Springfield....	67,358		22,240		
14	Chicago-Springfield Coal Co., c/s..	Springfield....	57,258	65,011			99
15	Bissell Coal Co.....	Springfield....	70,714	28,345			
16	Union Fuel Co., No. 5.....	Sherman.....	48,564	62,932			
17	Springfield Dist. C. M. Co., No. 53	Springfield....	41,149	47,049			
18	Springfield Co-oper. C. M. Co....	Springfield....	50,611	25,021	8,486		
19	Springfield Dist. C. M. Co., No. 52	Riverton.....	56,298	26,647	2,727	300	
20	Union Fuel Co., No. 3.....	Auburn.....	51,086	29,127			
21	Dawson Coal Co., No. 1.....	Dawson.....	26,430	10,360		4,000	
22	Union Fuel Co., No. 2.....	Springfield....	35,283	37,119			40
23	Lincoln Park C. & B. Co.....	Springfield....	26,459	6,075			
24	Sangamon Coal Co., No. 3.....	Cantrall.....	11,631	20,972			
25	Springfield Dist. C. M. Co., No. 51	Springfield R.5	6,073	4,666	3,595		
26	Illinois Coal & Coke Corp., No. 2..	Auburn.....	6,780	3,530			
Totals.....			1,645,437	1,453,619	60,090	57,039	436
Note—1,214 tons lost in preparation							
CHRISTIAN COUNTY—FIFTH DISTRICT							
1	Peabody Coal Co., No. 8.....	Tovey.....	222,685	92,019			
2	Peabody Coal Co., No. 7.....	Kincaide.....					
3	Peabody Coal Co., No. 9.....	Taylorville....	398,192				
4	Penwell Coal Mining Co.....	Pana.....	46,897	14,503	15,830	24,896	
5	Pana Coal Co., No. 2.....	Pana.....	23,838	25,644			
6	Springfield Dist. C. M. Co., No. 58	Taylorville....					
7	Peabody Coal Co., No. 21.....	Stonington....	22,269	5,923		913	
8	Smith Lohr Coal Mining Co.....	Pana.....	8,014	8,153	16,611	3,512	8,545
					3,248		
9	Pana Coal Co., No. 1.....	Pana.....	4,309	7,872			
10	Assumption C. & M. Co., No. 1...	Assumption....	24,184		5,535		
11	Christian Co. Mining Co.....	Edinburg.....	7,591				
Total.....			757,979	154,114	41,224	29,321	8,545
Note—10,591 tons lost in preparation							

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
					Wabash		102,786		
					Penna. Line		10,627		
					B. & O.	110,671			
		70,571	11,200	266,071	C. & A.		24,900		10
					M. & O.		57,400		
					I. T. S.	62,000	6,700		
					C. & A.	143,373	57,430		
		83,357	13,249	264,992	I. C.	39,694	4,820		11
					C. I. & W.	7,960			
					C. P. & St. L.	37,916			
		108,244	895	261,926	C. & A.	216,449			12
					C. & N. W.	38,510	25,120		
					C. & A.	19,669	15,116		
		53,010	91,323	233,931	Wabash	38,922	36,000		13
					C. P. & St. L.	1,314	16,000		
	7,983	64,892	2,565	197,808	C. & A.	128,796	64,098		14
					I. C.	30,020	163		
					I. T. S.	64,006			
		58,061	24,669	181,789	C. & A.	26,526			15
					Wabash	48,310	11,401		
					C. P. & St. L.	433			
					C. I. & W.	46			
		57,936	2,691	172,123	C. & A.	121,505	46,629		16
					Wabash	93,798			
		51,237	8,433	147,868	I. C.	18,473			17
					B. & O.	311			
		51,988	1,004	137,110	C. & A.	64,417	21,880		18
		40,317	8,572	134,861	Wabash	126,242			19
		45,351	2,112	127,676	C. & A.	69,903	43,883		20
					Wabash	15,768	5,630		
		75,130	5,000	120,920	I. T. S.	93,022			21
		41,508	3,646	117,596	C. I. & W.	104,640	9,227		22
					C. & A.	12,159			
4,406		20,814	6,026	63,780	C. P. & St. L.	63			23
					C. P. & St. L.	10,701	7,551		
		5,293	615	38,511	C. & N. W.	10,138			24
					M. & O.		7,926		
		8,433	2,672	25,439	C. P. & St. L.	24,482			25
		9,490	1,898	21,698	C. & A.	11,510	7,440		26
4,406	7,983	1,658,190	903,653	5,790,853		3,485,025	1,904,325	1,950	
					C. & I. M.	624,863	85,884		1
		152,740	251,149	718,593	C. & I. M.	464,282	234,855		2
			708,223	708,223	C. & I. M.	567,743	2,393		3
		169,929	3,456	571,577	I. C.	194,981			
					C. C. C. & St. L.	3,194			4
		118,445	19,096	239,667	B. & O.	8,379			
					I. C.	60,287	43,038	32,150	
1,459		29,121	72,595	152,657	B. & O.		11,437	362	5
					Wabash	14,274	10,026		
			141,616	141,616	C. & I. M.	13,599	60,581		6
			40,403	109,675	Wabash	61,472	37,898		7
783	848	18,225	754	52,082	I. C.	46,270			8
					B. & O.		13,259	4,862	
		8,704	17,582	38,467	C. C. C. & St. L.	1,802			9
					C. & E. I.	3,165			
					I. C.	12,419			
2,037		4,078		35,834	I. C.	24,184			10
		4,341	196	12,128	B. & O.	4,977			11
4,279	848	529,139	1,255,070	2,780,519		2,105,891	499,375	37,374	

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
MACON COUNTY—FIFTH DISTRICT							
1	Macon County Coal Co.....	Decatur.....	42,906		13,461		
2	Decatur Coal Co.....	Decatur.....	40,731				
3	Niantic Carbon Coal Co.....	Niantic.....	1,629				
	Total.....		85,266		13,461		
MOULTRIE COUNTY—FIFTH DISTRICT							
1	Lovington Coal Mining Co., No. 1.	Lovington....	33,754	22,945			
	Total.....		33,754	22,945			
SHELBY COUNTY—FIFTH DISTRICT							
1	Moweaqua Coal Mining Co., No. 1	Moweaqua....	23,900		8,224	1,343	
	Note—5,133 tons lost in preparation						
VERMILION COUNTY—FIFTH DISTRICT							
1	U. S. Fuel Co., Verm.....	Georgetown...	95,394	29,130		44,535	
2	Peabody Coal Co., No. 24.....	Danville.....	239,152	47,094			
3	U. S. Fuel Co., No. 4.....	Westville.....	31,576				
4	U. S. Fuel Co., Bunsen.....	Georgetown...					
5	United Electric Coal Co., No. 1.....	Danville.....	95,370	11,700	6,000		
6	Brady Branch Coal Co.....	Tilton.....	3,508				
7	Taylor-English Coal Co., No. 2.....	Catlin.....					
8	United Electric Coal Co., No. 6.....	Danville.....	52,000	7,800	4,000		
9	United Electric Coal Co., No. 4.....	Danville.....	40,610	2,000	700		
10	United Electric Coal Co., No. 5.....	Danville.....	9,973	1,332	4,000		
11	Chicago Coal Co.....	Catlin.....					
12	I. & J. Coal Co.....	Georgetown...	1,570				
13	Sharon Coal Co.....	Georgetown...	4,785	277			
14	Chicago Coal Co., No. 1.....	Fairmount.....					
15	Lone Oak Coal Co.....	Danville.....	552				
	Total.....		574,490	99,333	14,700	44,535	
	Note—646 tons lost in preparation						
MACOUPIN COUNTY—SIXTH DISTRICT							
1	Superior Coal Co., No. 3.....	Gillespie.....					
2	Superior Coal Co., No. 1.....	Gillespie.....					
3	Superior Coal Co., No. 2.....	Gillespie.....					
4	Superior Coal Co., No. 4.....	Gillespie.....					
5	Consolidated Coal Co., No. 7.....	Staunton.....		268,465	8,863	8,097	20,433
6	Standard Oil Co. (Ind.), No. 1.....	Carlinville.....	145,847	131,163			
7	Consolidated Coal Co. No. 15.....	Staunton.....	159,120				
8	Illinois Coal & Coke Corp., No. 3.....	Virden.....	54,074	92,982			
9	Madison Coal Corp., No. 5.....	Mt. Olive.....	20,783	57,877			
10	Consolidated Coal Co., No. 14.....	Staunton.....	117,110		1,984	2,578	1,479
11	Gillespie Coal Co.....	Gillespie.....	5,831				
12	Royal Colliery Co.....	Virden.....	5,387		16,575		1,369

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
	3,919	15,806	34,606	110,698	{ I. C. Penna. Line C. I. & W. I. C. Wabash	9,758 5,264 1,016 12,241 9,205			1 2 3
	3,919	36,675	62,005	201,326		37,484			
		36,913	58,824	152,436	{ Wabash Penna. Line	32,676 13,944	62,348 24,522		1
		36,913	58,824	152,436		46,620	86,870		
728		17,307	1,512	53,014	I. C.	42,677			1
		156,115	368,558	693,732	E. J. & E.	525,551	145,350		1
		153,352	97,932	537,530	C. C. C. & St. L.	238,294	288,936		2
		16,157	279,288	327,021	E. J. & E.	143,767	168,507		3
			283,973	283,973	E. J. & E.	207,210	68,472		4
		74,000	34,800	221,870	C. C. C. & St. L.	113,029	99,841		5
		4,865	202,833	211,206	Wabash	7,060	200,637		6
			141,700	141,700	Wabash	15,181	122,855		7
	320	54,000	17,200	135,320	C. C. C. & St. L.	71,426	60,894		8
		29,000	20,000	92,310	Wabash	24,000	66,810		9
		5,000	61,940	82,245	I. T. S.	18,490	62,755		10
			15,229	15,229	I. T. S.	7,245	7,984		11
		1,884	7,687	11,141	C. T. H. & S. E.	8,838	1,732		12
		2,507	902	8,471	I. T. S.	3,866			13
			2,189	2,189	C. & E. I.		2,189		14
		464	810	1,826	N. Y. C.	1,626			15
	320	497,344	1,535,041	2,765,763		1,385,583	1,296,962		
			836,321	836,321	C. & N. W.		813,525		1
			684,994	684,994	C. & N. W.		666,037		2
			682,148	682,148	C. & N. W.		662,480		3
			649,419	649,419	C. & N. W.		632,491		4
19,401	21,213	75,345	68,620	490,437	Wabash	169,351	70,880		5
		223,912		500,922	L. & M.	169,352	70,880		6
		80,921	142,247	382,288	C. & A.	484,538	307		7
					Wabash	172,436	190,523		8
		111,544	5,227	263,827	C. & A.	76,612			9
					C. B. & Q.	162,348			10
		10,722	140,644	230,026	C. & N. W.	8,757			11
					I. C.		203,361	13,229	12
4,152	6,058	28,035	52,936	214,332	Wabash	41,988	56,931		13
		3,243	180,108	189,182	C. & N. W.	41,987	56,932		14
					I. T. S.	4,897	180,208		15
		18,089	97,927	139,347	C. B. & Q.	8,567	109,287		16
					C. & A.	10,233			17
					C. & N. W.	2,777	2,263		18

Continued

Output of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		36,464	1,995	67,922	C. & A.	15,109	495		
					C. B. & Q.	20,915	13,110		13
		44,241	1,366	45,607	C. & N. W.	7,307			
		12,696		40,909	C. & A.	39,170		685	14
					I. T. S.	21,420			15
23,553	27,271	645,212	3,543,952	5,417,681		1,457,764	3,729,710	13,914	
					C. & E. I.	337,210			
		252,038	31,934	571,839	C. C. C. & St. L.	212,566			1
		119,448	38,061	419,128	T. St. L. & W.	130,447	252,085		2
					C. C. C. & St. L.	91,157	137,368		
		68,733	118,465	298,120	C. & E. I.	22,790	34,342		3
		93,263	9,531	259,731	C. C. C. & St. L.	220,203	15,347		4
					C. & E. I.	23,187	208,300		5
		20,431	169,086	238,389	C. C. C. & St. L.	64,923	1,332		5
		22,770	84,033	145,453	C. & E. I.	61,495	16,065		6
					C. C. C. & St. L.	2,198	113,239		7
		766	139,199	142,565	C. & E. I.	8,788	13,006		
		577,449	590,309	2,075,230		1,174,964	791,084		
					C. C. C. & St. L.	138,440	42,380		1
		75,566		188,916					
					L. & M.	526,048			1
		159,227		548,598	St. L. T. & E.	507,628		108	2
		160,050	88,210	523,750	C. & E. I.	146,320	77,764		
					C. C. C. & St. L.	219,480			3
		168,276	23,294	460,396	I. C.		346,714		4
		13,175	255,930	363,001	C. C. C. & St. L.	263,511	13,077		5
		69,609	7,234	276,588	St. L. T. & E.	205,766		704	6
		88,327	15,737	213,364	St. L. T. & E.	141,578			7
		54,579	13,394	153,469	I. T. S.	25,907	99,578		8
		29,761	67,916	141,846	Wabash	9,172			9
		32,047	18,848	109,577	Penn Line	83,427	26,150		10
	1,933	30,937	10,635	96,678	Penn Line	1,615			6
			66,349	66,349	Wabash	42,596	8,786		11
			45,588	45,588	L. & M.	36,900			12
			33,003	33,003	Penn Line	26,872			13
		8,413	3,794	22,477	C. P. & St. L.	12,639	199		14
		3,548	789	9,660	I. T. S.	400			15
			4,606	4,606	I. T. S.		3,000		16
			896	896	C. C. C. & St. L.	290			17
	1,933	817,949	656,223	3,069,846		2,250,149	575,268	818	

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
SHIPPING MINES							
MARION COUNTY—SEVENTH DISTRICT							
1	Marion County C. Co., Glenridge..	Centralia.....	67,093	68,689	10,197		
2	Chicago Sandoval Coal Co., No. 2..	Sandoval.....	80,369	49,158			
3	Odin Coal Co., Odin.....	Odin.....	51,920	3,175			
Total.....			199,382	121,022	10,197		
Note—7,458 tons lost in preparation							
CLINTON COUNTY—EIGHTH DISTRICT							
1	Southern C. C. & M. Co., No. 9...	New Baden.....					
2	Breese-Trenton Mining Co., Beck..	Beckmeyer.....	50,338		42,377		
3	Breese-Trenton Mining Co., E. M.	Breese.....	41,650		37,220		
4	Breese-Trenton Mining Co., N. M.	Breese.....	23,724		5,884	3,662	
5	Consolidated C. C., W. M.....	Breese.....	57,721				
Total.....			173,433		85,481	3,662	
ST. CLAIR COUNTY—EIGHTH DISTRICT							
1	St. Louis & O'Fallon C. Co., No. 2	E. St. Louis...	251,873				
2	Consolidated Coal Co., No. 17...	Collinsville...	241,728		283	1,338	13,120
3	Perry Coal Co., St. E.....	O'Fallon.....	58,647				
4	Kolb Coal Co., No. 2.....	Mascoutah....	113,244	12,582			
5	Eldnar Coal Co.....	Belleville.....					
6	St. Louis & O'Fallon Coal Co., No. 1	E. St. Louis...	4,365				
7	Southern C. C. & Mining Co., No. 8	Belleville.....					
8	Aluminum Ore Co.....	Belleville.....	44,907	45,320	2,843		
9	Egyptian Coal & Mining Co.....	Marissa.....	46,920	31,280		23,460	
10	Southern C. C. & M. Co., No. 7....	Belleville.....					
11	Mulberry Hill Coal Co., No. 1....	Freeburg.....	64,138		8,432		
12	O. K. Coal Company.....	Marissa.....	37,654	20,688	9,913	8,328	6,737
13	Perry Coal Co., Superior.....	Belleville.....	75,588		2,688		
14	B. B. Coal & Mining Co.....	Belleville.....	73,557				
15	Quality Coal & Mining Co.....	Belleville.....	34,348	24,679	2,200		
16	Perry Coal Co., Carbon.....	O'Fallon.....	27,161		36,073		
17	Southern C. C. & M. Co., No. 6....	Belleville.....					
18	Star Coal & Mining Co.....	Freeburg.....					
19	Victoria Coal Co.....	Belleville.....	12,836	32,660	2,640		
20	Groom Coal Co.....	Belleville.....	23,501	34,277			
21	Perry Coal Co., Taylor.....	O'Fallon.....	15,522		18,793		
22	Southern C. C. & M. Co., No. 1....	Belleville.....					
23	New Marrissa Coal Co., No. 1....	Marrissa.....	37,051				
24	Kolb Coal Company, No. 1.....	Mascoutah....	20,598				
25	Golden Rule Coal Co.....	Lenzburg.....	16,810	18,174		3,227	
26	New National Coal & Mining Co...	Belleville.....	26,341				
27	Ell-Rich Mining Co.....	Belleville.....	29,755				
28	Kolb Coal Company, No. 3.....	New Athens....	13,805		20,451		
29	Glendale Coal & Mining Co.....	Freeburg.....	31,434				
30	People's Coal Co., People's.....	Caseyville.....	11,380				
31	General C. & M. Co.....	Freeburg.....	27,586				
32	Fallon Coal Mines Co., No. 1....	O'Fallon.....					

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		99,614	17,747	263,340	I. C.	131,799	8,881		
		66,217	38,096	233,840	C. B. & O.	3,877	100,725		1
					I. C.	126,644	89,970		2
					B. & O.	6,848			
		50,175	77,824	183,094	I. C.	148,968	7,997		3
		216,006	133,667	680,274		418,136	207,573		
			223,306	223,306	Southern	135,868	66,919		1
		57,836	2,422	152,973	B. & O.	121,346	16,388		2
		57,207	13,922	149,999	B. & O.	94,408	1,155	37,220	3
		18,780	74,571	126,621	B. & O.	117,788	1,904		4
		33,065	4,103	94,889	B. & O.	90,040			5
		166,888	318,324	747,788		559,450	86,366	37,220	
		142,724	82,877	477,474	St. L. & O'F.	381,207	92,544	1,618	1
16,706	17,825	34,220	532	325,734	Penn line	312,594			2
		18,504	259,532	336,683	St. L. & B.		332,831	1,082	3
		53,925	44,938	224,689	L. & N.	223,079			4
			223,333	223,333	L. & N.	220,833			5
		4,213	204,254	212,832	St. L. & O'F.	7,043	204,359	1,430	6
			203,838	203,838	Southern	126,524	68,127		7
		88,884		181,954	I. C.	29,745			
		57,720	4,640	164,020	St. L. & O'F.	137,040	15,169		8
			151,843	151,843	I. C.	157,809			9
2,250		25,180	30,711	130,711	Southern	98,818	46,502		10
		35,307	1,417	120,044	I. C.	127,558			11
		38,709	3,438	120,423	I. C.	114,145	1,417		12
					St. L. & B.	115,343			13
		46,560		120,117	St. L. & B.	100,667			
	500	26,544	14,683	102,954	Southern	16,563			14
		28,082	11,294	102,610	Southern	101,981			15
			98,302	98,302	B. & O.	95,720			16
			95,200	95,200	Southern	65,422	28,038		17
		16,046	28,215	92,397	I. C.	86,873			18
		26,204	550	84,532	I. C.	87,473			19
		23,853	19,427	77,595	I. C.	34,051	21,988	26,468	20
			70,873	70,873	B. & O.	73,539			21
					St. L. & B.	44,056	18,881		22
					I. C.	53,044	135		
					Wabash		2,700		
					R. I.		180		
		20,789	5,626	63,466	Frisco		1,665		23
					J. C. C. & E.		495		
					U. P.		135		
		8,828	29,425	58,851	L. & N.	6,790		40,776	24
		16,641	1,683	56,535	I. C.	46,840	5,215		25
					I. C.	31,915	1,910		
		13,210	16,388	55,939	St. L. & O'F.		19,436		26
		12,751	10,000	52,506	L. & N.	51,956			27
		16,873		51,129	I. C.	37,776		12,445	28
		17,059	2,618	51,111	I. C.	49,200			29
		10,334	28,689	50,403	B. & O.	44,226			30
		13,269	2,175	43,030	I. C.	41,995			31
			39,236	39,236	Frisco		33,150		32

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
33	Aloys Gunalach.....	Edgemont Sta.	7,551	12,798			
34	Summit Coal & Mining Co.....	E. St. Louis.	13,200				
35	Lou-Nash Coal & Mining Co.....	Belleville.....	11,863				
36	Perry Coal Company, Pittsburg...	Rentchler.....	12,947				
37	Jones Bros. C. M. Co., No. 1....	Belleville.....	11,327	6,000			
38	Suburban Coal Co.....	Marissa.....	13,085			1,915	
39	Columbia Collieries Co., Columbia.	Belleville.....	4,407	8,494	1,164		
40	Perry Coal Company, S. B.....	Belleville.....	9,160				
41	Guest Coal Company.....	Belleville.....	7,955				
42	Premier Coal Co.....	Lebanon.....					
43	Columbia Collieries Co., N. L.....	Lenzburg.....	6,619				
44	Liberty Coal Company.....	Rentchler.....					
45	Abend Coal Company.....	Belleville.....	2,547				
46	Columbia Collieries Co., N. P.....	Freeburg.....	2,182				
47	Missouri & Illinois Coal Co.....	Belleville.....	537				
Totals.....			1,444,129	246,952	105,480	38,268	19,839
Note—55,699 tons lost in preparation							
JACKSON COUNTY—NINTH DISTRICT							
1	Union Colliery Co., Kath.....	Dowell.....	56,096	58,373	50,824		
2	Jackson Coal Co.....	Hallidayboro.....	32,512	33,122	23,592	13,627	
3	Consolidated Coal Co., No. 10....	Murphysboro.....					
4	Consolidated Coal Co., No. 9....	Murphysboro.....					
5	Western United Gas C. Co., No. 2..	Murphysboro.....					
6	Gartside Coal Co., No. 4.....	Murphysboro.....	21,110		3,304		
7	Midway Coal Mining Co.....	De Soto.....					
8	Jackson Peacock Coal Co.....	De Soto.....					
9	Dorcan Coal Co.....	Herrin.....					
Total.....			109,718	91,495	77,720	13,627	
Note—6,242 tons lost in preparation							
PERRY COUNTY—NINTH DISTRICT							
1	Equitable Coal & Coke Co.....	Duquoin.....	81,118	68,881	45,569	16,736	673
2	Paradise Coal Co.....	Duquoin.....	58,416	73,953	31,276		
3	Security Coal & Mining Co.....	Duquoin.....	39,701	42,420	33,258	16,926	18,837
4	Southern Gem Coal Corp., No. 5....	Pinckneyville.....	56,127	50,192			
5	Jewell Coal Co., No. 1.....	Duquoin.....	27,747	30,390	19,819		
6	Willis Coal & Mining Co., No. 8....	Willisville.....					
7	Willis Coal & Mining Co., No. 1....	Willisville.....	3,400				
8	Southern Gem Coal Corp., No. 7....	Cutler.....	16,500	55,802			
9	Scott Smith & Co.....	Duquoin.....					
10	Victory Collieries Co., No. 1.....	Tamaroa.....	23,401	20,479			
11	Southern Gem Coal Corp., No. 10..	Cutler.....	24,490	19,206			
12	Columbia Collieries Co., B. E.....	Craig.....	21,816	18,097			
13	Jewel Coal Co., No. 2.....	Duquoin.....	4,963	7,445	3,225		
14	Victory Coal & Mining Co., Vic....	Duquoin.....	21,909	9,737			
15	Bailey Bros. Coal Co., No. 1.....	Duquoin.....					
16	Tamaroa L. Muddy C. Co., L. M....	Tamaroa.....	804				
17	Wilson Coal & Mining Co.....	Cutler.....	4,120				
Total.....			386,512	396,602	133,147	33,662	19,510
Note—22,745 tons lost in preparation							
RANDOLPH COUNTY—NINTH DISTRICT							
1	Moffat Coal Co., No. 1.....	Sparta.....	14,192			2,521	
2	Willis Coal & Mining Co., No. 6....	Percy.....	42,549		1,790		

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		16,212		36,561	I. C.	13,729		465	33
		7,709		20,909	St. L. Term.		21,986		34
					L. & N.	33,395			
		5,831	13,635	31,329	L. & N.	19,610	53		35
		8,297	7,098	28,342	Frisco.		10,055		36
		7,670	1,200	26,197	Southern	12,759			37
		8,820		23,820	I. C.	20,861			38
		4,902	925	19,892	St. L. & B.	23,128			39
		3,640	5,285	18,085	L. & N.	19,038			40
		4,452	372	12,779	I. C.	12,346			41
			11,444	11,444	Southern	11,975			42
		3,472	1,284	11,375	B. & O.	5,722			43
			7,518	7,518	I. C.	10,289			44
		1,119	2,498	6,164	L. N.	5,342	1,134		45
		791	2,726	5,699	L. & N.	5,737			46
		216	2,562	3,315	I. C.	5,105			47
					I. C.	2,773			
18,956	18,325	867,560	1,742,284	4,501,793		3,323,634	928,105	84,284	
		165,365	47,952	378,610	I. C.	374,846	1,158		1
		75,775	821	179,449	I. C.	167,757			2
			117,392	117,392	M. & O.	106,787			3
			106,351	106,351	I. C.	101,255			4
					M. P.	34,465			5
			70,744	70,744	I. C.	34,104			6
	11,431	1,516	15,480	52,841	M. & O.	31,305			7
			18,678	18,678	I. C.	15,753			8
			9,195	9,195	I. C.	8,195			9
			1,500	1,500	I. C.	1,400			
	11,431	242,656	388,113	934,760		875,867	1,158		
1,782	6,884	144,260	12,101	378,004	I. C.	366,824			1
		123,636	37,121	324,402	I. C.	234,735	35,041	36,302	2
14,413	28,634	5,794	96	200,079	I. C.	192,436	7,643		3
		63,713		170,032	I. C.	80,269	78,571		4
		54,173	25,000	157,129	I. C.	122,447	20,000		5
		5,890	129,189	135,079	M. & O.	4,808	123,866		6
		6,879	103,880	114,159	M. & O.	10,893	85,211		7
		2,860	14,387	89,549	W. C. & W.	85,700	1,133		8
			82,556	82,556	I. C.	80,806			9
		33,268	2,030	79,178	I. C.	70,997	3,796		10
		28,558	1,794	76,048	W. C. & W.	70,212	3,965		11
		25,245	7,230	72,388	I. C.	72,388			12
		9,431	38,110	63,174	I. C.	30,172	30,000		13
		14,541		46,187	I. C.	46,187			14
			24,807	24,807	I. C.	17,879	1,814		15
	367		14,042	15,930	I. C.	4,898	8,543		16
		2,247		6,367	W. C. & W.	6,050			17
16,562	35,518	521,212	492,343	2,035,068		1,497,701	399,583	36,302	
		6,094	373,837	396,644	M. & O.	18,551	371,835		1
45,144			188,441	277,924	M. & O.	42,905	186,439		2

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
3	Madison Coal Corp., Crystal.....	Tilden.....	66,797				
4	The Illinois Fuel Co., No. 4.....	Sparta.....	26,726				
5	Perry Coal Co., Percy.....	Coulterville....	45,480	30,320	15,160		
6	St. Louis Coal Co.....	Coulterville....	28,853	25,653	13,626	10,525	
7	Jones Bros. Coal & Mining, No. 2.	Tilden.....	41,686	9,382	8,753	13,128	
8	Randolph County Coal Co., No. 2.	Coulterville....	17,160	7,897		8,670	
9	Willis Coal & Mining Co., No. 9...	Percy.....	4,737				
10	Willis Coal & Mining Co., No. 7...	Sparta.....					
	Total.....		288,180	73,252	39,329	34,844	
	WASHINGTON COUNTY—NINTH DISTRICT						
1	Centralia Coal Co., No. 5.....	Centralia.....	71,581	347,379			
2	Nashville Mining Co.....	Nashville.....					
3	Kuhn Coalery Co.....	Du Bois.....	750				
	Total.....		72,331	347,379			
	Note—1,655 tons lost in preparation						
	FRANKLIN COUNTY—TENTH DISTRICT						
1	C. W. & F. Coal Co., No. 1.....	Orient.....	212,809	234,978	118,951	66,861	39,098
2	Bell & Zoller Mine Co., No. 1.....	Zeigler.....	112,880	181,619	138,772	103,226	91,055
3	Western Coal & Mining Co., No. 2.	Bush.....	7,131				
4	Bell & Zoller Mining Co., No. 2...	Zeigler.....	66,233	96,842	60,009	11,921	7,874
5	Franklin Coal & Coke Co., No. 1..	Royalton.....	99,418	98,936	51,157	40,539	39,574
6	Old Ben Coal Corp., No. 11.....	Christopher...	104,250	104,553	57,981	3,175	2,374
7	Old Ben Coal Corp., No. 8.....	W. Frankfort..	118,917	107,926	44,289	46,977	43,419
8	Old Ben Coal Corp., No. 9.....	W. Frankfort..	78,870	73,420	53,367	43,797	53,118
9	Southern Gem Coal Corp., No. 1..	W. Frankfort..	56,209	79,055	52,850	19,203	26,573
10	Franklin County Mining Co.....	Benton.....	61,572		69,782		73,887
11	United States Fuel Co., M. F.....	Benton.....					
12	Valier Coal Co., No. 1.....	Valier.....	97,618	1,687			
13	Old Ben Coal Corporation, No. 14.	Buckner.....	76,064	79,836	50,200	2,229	2,393
14	Southern Gem Coal Corp., No. 2..	Sesser.....	28,518	46,675	36,624	8,939	
15	Taylor Coal Co., No. 5.....	Herrin.....	41,477	56,796	40,086	13,887	
16	Old Ben Coal Corporation, No. 10.	Christopher...	60,464	60,117	34,936	7,504	
17	Benton Coal Mining Co., No. 1...	Benton.....	49,535	38,325	34,084	33,023	24,026
18	Black Star Coal Co., Logan.....	Logan.....	31,090	33,800	30,900	27,154	11,000

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		25,362	164,073	256,232	C. G. W.		248,487		3
		14,089	123,178	163,993	Mo. & Ill.	19,662	122,271		4
					M. & O.	15,512			
		60,641	10,000	161,601	I. C.	104,864			5
13,825	16,530			109,012	M. I.	52,432			6
		31,293		104,242	I. C.	105,387			7
					I. C.	97,400			
		14,699	5,041	53,467	I. C.	40,782			8
		4,715	17,022	26,474	Mo. & Ill.	9,263			9
			1,706	1,706	M. & O.	10,902	14,792		10
					M. & O.	542			
58,969	16,530	156,893	883,298	1,551,295		518,202	943,824		
			250,057	669,017	C. B. & Q.		645,179		1
			39,400	39,400	I. C.	12,190			2
		500		1,250	L. & N.	12,000		15,000	3
					I. C.	1,250			
		500	289,457	709,667		25,440	645,179	15,000	
39,267	102,104	238,694	43,907	1,096,669	C. B. & Q.	534,973	151,692		1
					C. E. & I.	247,302	2,822		
					I. C.	122,480	7,476		
84,998	179,403	163,537	5,688	1,061,178	Mo. Pac.	92,958		1,038	2
		16,114	609,988	633,233	I. C.	332,319	1,362		
					C. B. & Q.	547,744	45,000		3
8,489	13,127	259,467	20,090	544,052	Mo. Pac.	981	611,754		
					Mo. Pac.	3,624	20,971		4
					C. B. & Q.	209,800	190,200		
26,544	96,522	29,922	48,781	531,393	I. C.	96,212	9,468		5
					I. C.	136,572			
22,906	9,561	240,438	1,668	526,906	C. B. & Q.	222,859	31,803		6
					Mo. Pac.	114,361	25,798		
					C. B. & Q.	439,977	55,417		7
37,121	99,312	4,069	5,694	507,724	C. B. & Q.	319,347	8,927		
					C. & E. I.	133,708	2,524		
					I. C.	25,726			8
					Mo. Pa.	288			
					C. W. & I.		826		9
40,161	106,544	29,139	9,954	488,370	C. B. & Q.	226,016	10,207		10
					C. & E. I.	9,021			
					I. C.	196,621	99	37	11
					C. W. & I.		87		12
					C. & E. I.	59,465			
27,223	34,995	120,268	25,874	442,250	I. C.	93,588			13
		206,610	13,396	425,247	C. B. & Q.	187,753	100,000		14
			419,849	419,849	Mo. Pac.	1,444			15
		154,391	137,651	391,347	I. C.	396,823	12,980		16
					I. C.	53,254			17
					C. B. & Q.		386,355		18
1,259	5,901	154,164	6,335	378,381	C. B. & Q.	205,184	41,307		
		115,579	83,672	320,007	I. C.	110,969			
					C. B. & Q.	200,877	102,315		19
					I. C.	101,561			20
		141,316	11,177	304,739	Mo. Pac.	804			21
					C. B. & O.	200,742			22
		141,661	10,428	315,110	C. B. & Q.	275,572	24,221		23
15,365	37,025	36,591	25,350	293,322	C. & E. I.	116,876	18,334		24
					I. C.	101,329	2,304		25
15,890	23,800	61,310	29,850	264,794	Mo. Pac.	27,969	2,970		26
					C. B. & Q.	130,008	23,787		27
					I. C.	95,800			28

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of output				
			Lump	Furnace	Small Egg	Stove	Chestnut
19	Old Ben Coal Corp., No. 16.....	Sesser.....	22,405	38,158	34,324	205	.....
20	By-Products Coke Corp., No. 18..	W. Frankfort..	22,430	35,551	.....	39,397	.....
21	Old Ben Coal Corp., No. 12.....	Christopher...	38,680	34,485	21,863	.....	.....
22	Benton Coal Mining Co., No. 2...	Benton.....	15,588	20,169	.....	13,516	6,080
23	Old Ben Coal Corp., No. 15.....	Ezra.....	16,645	37,842	.....	.....	.....
24	Old Ben Coal Corp., No. 19.....	Rend.....	9,087	12,197	6,886	1,335	536
25	By-Products Coke Corp., No. 19..	W. Frankfort..	4,096	3,820	1,849	1,760	.....
	Total.....		1,431,986	1,476,787	938,910	484,648	299,223
	Note—191,014 tons lost in preparation						
	GALLATIN COUNTY—ELEVENTH DISTRICT						
1	Hickory Hill Coal Co., Hickory Hill	Equality.....	.....	.....	.....	.....	.....
	SHIPPING MINES						
	SALINE COUNTY—ELEVENTH DISTRICT						
1	Harrisburg Colliery Co., Harco....	Harco.....	5,769	8,964	.....	7,863	.....
2	Big Creek Coals Co., No. 3.....	Harrisburg....	63,648	114,865	56,301	24,667	11,508
3	Wasson Coal Company, No. 1.....	Harrisburg....	47,981	73,371	50,224	.....	.....
4	Southern Counties Coal Co., No. 20	Eldorado.....	29,245	154,546	.....	7,825	.....
5	O'Gara Coal Co., No. 1.....	Harrisburg....	44,565	69,719	45,952	38	.....
6	Big Creek Coals Co., No. 2.....	Ledford.....	24,300	57,558	23,720	24,859	.....
7	O'Gara Coal Company, No. 10....	Eldorado.....	46,987	50,360	13,325	.....	.....
8	J. K. Dering Coal Co., No. 2.....	Eldorado.....	23,682	47,365	33,155	9,473	.....
9	O'Gara Coal Company, No. 3.....	Harrisburg....	26,965	2,259	.....	229	.....
10	O'Gara Coal Company, No. 8.....	Eldorado.....	41,035	42,428	18,970	.....	.....
11	O'Gara Coal Company, No. 11....	Eldorado.....	11,928	231	178	.....	.....
12	O'Gara Coal Company, No. 15....	Harrisburg....	36,605	53,780	253	.....	.....
13	Harrisburg Coal Mining Co., B. B.	Harrisburg....	23,136	29,731	19,456	.....	.....
14	O'Gara Coal Company, No. 12....	Harrisburg....	4,415	16,022	.....	.....	.....
15	Saline Gas Coal Co., No. 1.....	Harrisburg....	6,693	.....	.....	.....	.....
16	Wasson Coal Company, No. 2.....	Harrisburg....	8,059	5,743	1,509	.....	.....
17	Heato Coal Company, No. 1.....	Carriers Mills.	.....	.....	.....	.....	.....
18	Dodds Coal Company, No. 1.....	Carriers Mills.	.....	.....	.....	.....	.....
	Total.....		445,013	726,942	263,043	74,954	11,508
	Note—23,176 tons lost in preparation						
	WHITE COUNTY—ELEVENTH DISTRICT						
1	White County Mining Co., No. 1..	Norris City...	22,126	16,645	.....	.....	.....
	Total.....		22,126	16,645	.....	.....	.....
	WILLIAMSON COUNTY—TWELFTH DISTRICT						
1	Madison Coal Corp., No. 9.....	Dewmaine....	211,368	.....	114,463	.....	.....
2	Peabody Coal Co., No. 3.....	Marion.....	70,621	96,482	56,452	29,382	16,101

Continued

Output of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
.....	100,838	1,562	197,492	C. B. & Q.	91,259	86,297	.....	19
.....	71,704	2,314	171,396	C. & E. I.	55,619	.....	.....	20
.....	70,751	3,266	169,046	I. C.	55,620	.....	.....	21
.....	C. B. & Q.	55,620	.....	.....	22
.....	43,419	23,864	122,636	C. B. & Q.	88,090	23,213	.....	23
.....	I. C.	49,421	53	.....	24
.....	C. & E. I.	53,187	20,971	.....	25
.....	56,342	1,134	111,964	I. C.	28,769	172	.....	26
.....	544	35,184	1,098	66,867	Mo. Pac.	6,055	5,547	.....	27
.....	10,821	2,585	24,931	C. B. & Q.	100,542	8,980	.....	28
.....	C. & E. I.	224	.....	.....	29
.....	I. C.	1,503	.....	.....	30
.....	C. B. & Q.	32,129	26,722	.....	31
.....	C. & E. I.	13,842	.....	.....	32
.....	I. C.	9,229	.....	.....	33
421,007	708,838	2,502,329	1,545,175	9,808,903	.....	7,014,016	2,062,961	1,087	.....
.....	62,261	62,261	L. & N.	59,485	.....	.....	1
.....	14,837	552,953	590,386	C. C. C. & St. L.	39,972	536,152	.....	1
12,896	18,816	177,990	27,470	508,161	C. C. C. & St. L.	508,161	.....	.....	2
.....	128,772	51,856	352,204	C. C. C. & St. L.	340,894	.....	.....	3
.....	131,811	125	323,552	C. C. C. & St. L.	307,206	.....	.....	4
.....	122,130	39,136	321,540	C. C. C. & St. L.	296,557	20,028	.....	5
.....	79,371	50,564	260,372	C. C. C. & St. L.	260,372	.....	.....	6
.....	117,697	27,098	255,467	I. C.	161,703	15,072	.....	7
.....	123,151	.....	236,826	C. C. C. & St. L.	24,926	.....	.....	8
.....	19,625	183,744	232,822	I. C.	227,290	.....	1,049	9
.....	104,184	2,129	208,746	C. C. C. & St. L.	65,409	134,456	.....	10
.....	71,488	114,782	198,607	C. C. C. & St. L.	182,143	6,445	.....	11
.....	61,403	24,313	176,354	I. C.	73,070	116,075	.....	12
.....	55,831	12,320	140,474	C. C. C. & St. L.	111,973	47,794	.....	13
.....	14,508	6,284	41,229	C. C. C. & St. L.	139,577	.....	.....	14
.....	8,386	23,985	39,064	C. C. C. & St. L.	29,024	7,691	.....	15
.....	13,734	3,357	32,402	C. C. C. & St. L.	23,487	15,577	.....	16
.....	29,000	29,000	C. C. C. & St. L.	28,065	.....	.....	17
.....	23,475	23,475	S. I.	29,000	.....	.....	18
12,896	18,816	1,244,918	1,172,591	3,970,681	C. C. C. & St. L.	21,792	.....	.....	19
.....	20
.....	35,762	6,474	81,007	B. & O.	13,698	.....	808	1
.....	C. C. C. & St. L.	56,172	.....	.....	2
.....	35,762	6,474	81,007	.....	69,870	.....	808	3
.....	164,418	80,416	570,665	I. C.	550,270	.....	.....	1
6,650	6,354	200,032	61,019	543,093	C. & E. I.	156,972	.....	.....	2
.....	I. C.	68,497	.....	.....	3
.....	C. B. & Q.	295,755	.....	.....	4
.....	Mo. Pa.	14,367	11,682	834	5

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
3	The Consolidated Coal Co., No. 7.	Herrin.....	48,242	86,378	43,121	34,735	31,376
4	C. W. & F. Mining Co., "A".....	Herrin.....	49,347	73,664	28,692	39,494	37,236
5	Big Muddy Coal Co., No. 26.....	Marion.....	166,805	3,160	.....	17,884	8,851
6	Pratt Brothers Co., Jeffery.....	Herrin.....	71,299	.....	11,523	.....	5,738
7	Freeman C. Mining Co.....	Herrin.....	58,800	59,305	41,106	13,067	.....
8	Consolidated Coal Co., No. 8.....	Clifford.....	8,204	12,466	1,222	10,356	5,169
9	West Virginia Coal Co., No. 1.....	Marion.....	.....	.....	.....	.....	.....
10	Ernest Coal Co., No. 1.....	Johnston City.....	31,419	45,722	56,943	.....	.....
11	Madison Coal Corp. No. 8.....	Dewmaine.....	17,473	.....	34,726	.....	.....
12	Consolidated Coal Co., Lake Creek	Johnston City.....	16,500	.....	50,342	.....	41,500
13	Searles Coal Co., McC.....	Johnston City.....	.....	.....	.....	.....	.....
14	Federal Coal Co., No. 25.....	Carterville.....	35,465	51,789	23,247	.....	.....
15	Old Ben Coal Corp., No. 18.....	Johnston City.....	31,100	41,612	30,022	2,690	48
16	St. Louis C. & Iron Co., B. B.....	Johnston City.....	23,852	43,807	37,427	.....	.....
17	Scranton C. Mining Co.....	Marion.....	14,223	26,652	31,973	.....	.....
18	Henderson Wallace Coal Co.....	Marion.....	9,626	19,253	.....	.....	31,287
19	Madison Coal Corp., No. 12.....	Cambria.....	.....	.....	.....	.....	.....
20	Taylor Coal Company, No. 2.....	Herrin.....	14,512	25,628	10,702	26,490	22,080
21	Slogo Coal Corp.....	Marion.....	18,048	27,252	16,782	21,065	.....
22	Johnston City W. C. Co.....	Whiteash.....	9,639	9,719	8,743	7,369	.....
23	Sandford Coal Co., No. 3.....	Marion.....	10,080	28,616	17,667	15,927	.....
24	C. B. M. C. & Mfg. Co.....	Marion.....	24,246	32,055	19,584	.....	.....
25	Old Ben Coal Corp., No. 20.....	Herrin.....	24,168	18,840	13,807	4,009	2,322
26	Cameron Coal Co.....	Marion.....	22,776	17,402	.....	18,891	.....
27	Old Ben Coal Corp., No. 17.....	Johnston City.....	13,599	22,310	7,170	5,316	242
28	Sunnyside Mining Co.....	Herrin.....	65,434	.....	.....	.....	.....
29	Orchard Coal Co.....	Marion.....	14,895	22,043	.....	18,615	.....
30	Security Coal Co.....	Marion.....	11,760	19,687	16,866	15,541	.....
31	Binkley Coal Co., No. 1.....	Marion.....	5,080	.....	13,550	.....	.....
32	Taylor Coal Co., No. 3.....	Herrin.....	10,752	18,407	8,635	.....	.....
33	Hofer Washed Coal Co.....	Carterville.....	8,287	9,724	12,638	.....	.....
34	Ernest Coal Co., No. 2.....	Pittsburg.....	7,990	14,620	20,173	.....	.....

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
49,018	47,446	79,704	28,546	448,566	C. B. & Q.	95,157			3
					Mo. Pa.	47,222	5,913		
					I. C.	261,918	1,079		
35,659	46,512	82,097	1,689	394,390	Cotton Belt	269,395	11,396		4
					C. B. & Q.	61,531	17,676		
8,218		173,233	13,843	391,994	Mo. Pa.	21,041	1,271		
					C. & E. I.	184,780			5
					I. C.	201,967			
					C. B. & Q.	58,173	130,237		
		64,975	197,409	350,944	I. C.		130,000		6
					Mo. Pac.		27,876		
		148,625	7,078	327,980	C. B. & Q.	187,909	1,448		
					I. C.	121,786			7
					C. B. & Q.	4,563			
6,909	15,396	16,041	240,145	315,908	Mo. Pac.	37,018	8,965		
					I. C.	16,482			8
					Cotton Belt		229,273		
			320,520	320,520	Mo. Pac.		311,844		
		92,346	86,426	312,856	C. B. & Q.	303,527			9
		30,440	217,381	300,020	I. C.	284,758			
					Mo. Pac.	96,298	87,379		
		105,500	70,250	284,092	I. C.	88,431			12
			281,600	281,600	Mo. Pac.	265,669			
		147,188	20,604	278,293	I. C.	271,847			
					C. B. & Q.	105,005	11,591		13
					C. & E. I.	90,566	36,378		
		120,786	44,394	270,652	I. C.	17,076			
					I. C.	96,853	402		15
		110,309	13,609	229,004	C. & E. I.	128,065			
					Mo. Pac.	125,401	45,548		
		76,218	57,213	206,279	I. C.	34,824			17
					Mo. Pac.	41,260	64,425		
		57,760	64,425	182,351	I. C.	53,425			
					C. & E. I.	23,241			18
			184,092	184,092	I. C.	178,169			
					I. C.	127,618			
32,877	22,763		4,938	159,990	Mo. Pac.	20,873			19
					C. B. & Q.	6,287			
					Mo. Pac.	143,420	19,440		
137		65,116	14,460	162,860	C. & E. I.	35,803			20
		35,997	96,488	167,956	Mo. Pac.	30,758	43,071		
					I. C.	9,169	42,200		
		54,485	34,041	160,816	M. & E.	148,222		4,346	23
		67,093	12,373	155,351	C. & E. I.	32,356	599		
					Mo. Pac.	13,640	5,982		
					C. B. & Q.	66,254	33,352		24
					C. B. & Q.	80,427	22,855		
	5,749	67,429	1,139	137,473	I. C.	23,860			
					I. C.	79,937			25
		59,332	12,319	130,720	C. & E. I.	21,632			
					Mo. Pac.	24,377			
					C. & E. I.	36,604	16,164		27
		59,743	19,579	127,950	I. C.	63,739			
					Mo. Pac.	3,942			
					I. C.	23,053	50,952		28
		44,789	18,332	128,555	C. B. & Q.	36,460	4,266		
					M. & E.	82,881	581		
		52,053	12,888	120,494	Mo. Pac.	10,383	6,590		29
					C. & E. I.	20,059			
					Mo. Pac.	59,101			
		37,755	15,616	117,553	C. B. & Q.	56,122			30
		15,247	75,000	108,877	C. B. & Q.	33,877	75,000		
					I. C.	88,798			
		52,967	5,786	96,547	Mo. Pac.	7,749			32
					I. C.	61,858	2,146		
		42,509	13,975	87,133	Mo. Pac.	7,420	11,829		
		32,206	13,224	88,213	M. & E.	82,664			34

TABLE—13

Number	Name of operator	Postoffice address of the mines	Classification of output				
			Lump	Furnace	Small Egg	Stove	Chestnut
35	Southern Ill. Coal Co.	Marion.....					
36	Carterville & B. M. C. Co., Johns..	Herrin.....	13,095		11,555	19,259	
37	Taylor Coal Company, No. 1.	Herrin.....	4,813	10,220	5,870	6,319	
38	C. W. & F. Mining Co., "B"	Herrin.....	7,127	11,347	6,654	5,282	
39	Sunrise Coal Co.	Cambria.....					
40	New Prosperity Coal Co., No. 1. .	Herrin.....	4,694				
41	Coal Belt Coal Co.	Marion.....					
42	Hampton Coal Co., No. 1.	Carterville....					
43	Duncan Coal Co., Dale.....	Herrin.....	3,708				
44	Leah Coal Co., No. 1.	Cambria.....	6,807				
45	Watson Coal Company, No. 2.	Herrin.....					
46	Carterville B. D. C. Co., Bl'k. Diam'd	Herrin.....					
47	Herrin & Big Muddy Coal Co.	Herrin.....					
48	Carterville Fuel Co.	Herrin.....					
49	Vulcan Coal Co.	Marion.....					
50	Watson Coal Co., No. 3.	Herrin.....					
Total.....			1,165,854	848,160	750,655	311,691	201,960
Note—123,565 tons lost in preparation							

Concluded

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
			84,500	84,500	Mo. Pac.		76,050		35
		33,125		77,034	C. B. & Q.	8,450			36
					I. C.	68,900	766		37
		26,439	8,414	62,075	Mo. Pac.	16,296			38
					I. C.	43,000			39
					C. B. & Q.	2,640			40
					C. B. & Q.	42,189	6,080		41
		27,871	182	58,463	I. C.	7,026			42
			30,430	30,430	I. C.	28,411			43
		8,475	8,370	21,539	I. C.	20,914			44
			19,734	19,734	Mo. Pac.	19,634			45
			13,065	13,065	I. C.	11,500			46
					I. C.	3,457			47
		4,548	4,309	12,565	Mo. Pac.	4,798			48
		3,181	584	10,572	I. C.	10,488			49
			10,073	10,073	C. B. & Q.	9,600	383		50
			3,111	3,111	Mo. Pac.	99	2,813		51
			2,700	2,700	C. & E. I.	2,400			52
			2,389	2,389	I. C.	438	1,853		53
			1,860	1,860	C. & E. I.	860			54
			1,543	1,543	C. B. & Q.	1,543			55
139,468	144,548	2,460,032	2,533,081	8,555,449		6,701,204	1,557,355	5,180	

TABLE 14—SUMMARY OF THE COMMERCIAL CLASSIFICATION

County	Number of Mines	Classification of out				
		Lump	Furnace	Smallegg	Stove	Chestnut
Bureau.....	5	124,679	170,357			
Grundy (a).....	2	95,390	20,192	19,524	7,658	
LaSalle.....	6	110,590	79,657			
Livingston.....	2	11,068		5,703	1,709	
Mercer.....	2	17,502				
Putnam.....	2	19,665	6,205	24,040		
First District (a).....	19	378,894	276,411	49,267	9,367	
(a)—13,567 tons lost in preparation						
Marshall.....	2	54,925		6,609	7,691	
Peoria.....	13	143,982	137,243	998		
Tazewell.....	6	157,125	51			
Woodford.....	2	49,236	20,942			
Second District (b).....	23	405,268	158,236	7,607	7,691	
(b)—7,445 tons lost in preparation						
(c)—16,494 tons shipped by boat						
Fulton—Third District (d)...	21	221,727	361,547	17,329	1,059	
(d)—2,153 tons lost in preparation						
Logan.....	2	123,824	31,145		23,403	
Menard.....	1	16,796	25,729			3,000
Sangamon.....	26	1,645,437	1,453,619	60,090	57,039	436
Fourth District (e).....	29	1,786,057	1,510,493	60,090	80,442	3,436
(e)—1,395 tons lost in preparation						
Christian.....	9	757,979	154,114	41,224	29,321	8,545
Macon.....	3	85,266		13,461		
Moultrie.....	1	33,754	22,945			
Shelby.....	1	23,900		8,224	1,343	
Vermilion.....	15	574,490	99,333	14,700	44,535	
Fifth District (f).....	29	1,475,389	276,392	77,609	75,199	8,545
(f)—16,370 tons lost in preparation						
Macoupin.....	15	550,825	561,428	31,484	10,675	23,281
Montgomery.....	7	543,995	224,260	75,511	63,706	
Sixth District (g).....	22	1,094,820	785,688	106,995	74,381	23,281
(g)—24,361 tons lost in preparation						
Bond.....	1	54,358	42,380	13,844	2,768	
Madison.....	17	1,030,981	310,949	114,403	39,122	98,286
Marion.....	3	199,382	121,022	10,197		
Seventh District (h).....	21	1,284,721	474,351	138,444	41,890	98,286
(h)—22,741 tons lost in preparation						
Clinton.....	5	173,433		85,481	3,662	
St. Clair.....	47	1,444,129	246,952	105,480	38,268	19,839
Eighth District (i).....	52	1,617,562	246,952	190,961	41,930	19,839
(i)—55,699 tons lost in preparation						

OF THE OUTPUT OF SHIPPING MINES, BY COUNTIES

put of mines in tons				Total	Number of rail- roads	Tons loaded on cars for shipment	Tons Sold to railroad com- panies	Tons supplied to loco- motives
Pea Coal	Carbon	Screenings	Mine Run					
		74,388	98,424	467,848	3	60,837	306,243	15,210
	34,025	11,436		188,225	3	167,085		
		58,254	42,348	290,849	5	173,687	20,850	3,203
		7,907	12,255	38,642	4	10,846		8,980
		4,319	100,663	122,484	1	31,381	85,610	
		5,965	123,386	179,261	1	19,305	135,512	1,326
	34,025	162,269	377,076	1,287,309	12	463,141	548,215	28,719
		13,116	111,100	193,441	3	51,811	88,621	29,473
		171,679	490,210	944,112	5	c564,038	366,509	
		89,894	360,811	607,881	4	87,440	478,042	655
	4,800	11,626	18,113	104,717	2	49,926	24,343	3,656
	4,800	286,315	980,234	1,850,151	10	753,215	957,515	33,784
450	705	346,864	259,669	1,209,350	4	632,946	540,606	
		74,560	79,331	332,263	2	184,280	35,936	21,949
		27,834	7,003	80,362	1	49,169	24,653	
4,406	7,983	1,658,190	903,653	5,790,853	9	3,485,025	1,904,325	1,950
4,406	7,983	1,760,584	989,987	6,203,478	9	3,718,474	1,964,914	23,899
4,279	848	529,139	1,255,070	2,780,519	6	2,105,891	499,371	37,374
	3,919	36,675	62,005	201,326	4	37,484		
		36,913	58,824	152,436	2	46,620	86,870	
	728	17,307	1,512	53,014	1	42,677		
	320	497,344	1,535,041	2,765,763	7	1,385,583	1,296,962	
5,007	5,087	1,117,378	2,912,452	5,953,058	9	3,618,255	1,883,203	37,374
23,553	27,271	645,212	3,543,952	5,417,681	6	1,457,764	3,729,710	13,914
		577,449	590,309	2,075,230	3	1,174,964	791,084	
23,553	27,271	1,222,661	4,134,261	7,492,911	10	2,632,728	4,520,794	13,914
		75,566		188,916	1	138,440	42,380	
	1,933	817,949	656,223	3,069,846	8	2,250,149	575,268	818
		216,006	133,667	680,274	3	418,136	207,573	
	1,933	1,109,521	789,890	3,939,036	11	2,806,725	825,221	818
		166,888	318,324	747,788	2	559,450	86,366	37,220
18,956	18,325	867,560	1,742,284	4,501,793	7	3,323,634	928,105	84,284
18,956	18,325	1,034,448	2,060,608	5,249,581	7	3,883,084	1,014,471	121,504

TABLE 14—

County	Number of Mines	Classification of out				
		Lump	Furnace	Small egg	Stove	Chestnut
Jackson.....	9	109,718	91,495	77,720	13,627	.....
Perry.....	17	386,512	396,602	133,147	33,662	19,510
Randolph.....	10	288,180	73,252	39,329	34,844	.....
Washington.....	3	72,331	347,379	.....	.....	.....
Ninth District (j).....	39	856,741	908,728	250,196	82,133	19,510
(j)—30,642 tons lost in preparation						
Franklin—Tenth District (k).....	25	1,431,986	1,476,787	938,910	484,648	299,223
(k)—191,014 tons lost in preparation						
Gallatin.....	1	.....	.....	.....	.....	.....
Saline.....	18	445,013	726,942	263,043	74,954	11,508
White.....	1	22,126	16,645	.....	.....	.....
Eleventh District (l).....	20	467,139	743,587	263,043	74,954	11,508
(l)—23,176 tons lost in preparation						
Williamson—						
Twelfth District (m).....	50	1,165,854	848,160	750,655	311,691	201,960
(m)—123,565 tons lost in preparation						

TABLE 15—SUMMARY OF THE COMMERCIAL CLASSIFICATION

County	Number of Mines	Classification of out				
		Lump	Furnace	Small Egg	Stove	Chestnut
First district.....	19	378,894	276,411	49,267	9,367	.....
Second district.....	23	405,268	158,236	7,607	7,691	.....
Third district.....	21	221,727	361,547	17,329	1,059	.....
Fourth district.....	29	1,786,057	1,510,493	60,090	80,442	3,436
Fifth district.....	29	1,475,389	276,392	77,609	75,199	8,545
Sixth district.....	22	1,094,820	785,688	106,995	74,381	23,281
Seventh district.....	21	1,284,721	474,351	138,444	41,890	98,286
Eighth district.....	52	1,617,562	246,952	190,961	41,930	19,839
Ninth district.....	39	856,741	908,728	250,196	82,133	19,510
Tenth district.....	25	1,431,986	1,476,787	938,910	484,648	299,223
Eleventh district.....	20	467,139	743,587	263,043	74,954	11,508
Twelfth district.....	50	1,165,854	848,160	750,655	311,691	201,960
The State (n).....	350	12,186,158	8,067,332	2,851,106	1,285,385	685,588
(n)—512,128 tons lost in preparation						

Concluded

put of mines in tons				Total	Number of rail-roads	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives
Pea Coal	Carbon	Screenings	Mine Run					
.....	11,431	242,656	388,113	934,760	3	875,867	1,158	.....
16,562	35,518	521,212	492,343	2,035,068	3	1,497,701	399,583	36,302
58,969	16,530	156,893	883,298	1,551,295	4	518,202	943,824	.....
.....	.....	500	289,457	709,667	3	25,440	645,179	15,000
75,531	63,479	921,261	2,053,211	5,230,790	7	2,917,210	1,989,744	51,302
421,007	708,838	2,502,329	1,545,175	9,808,903	4	7,014,016	2,062,961	1,087
.....	.....	.....	62,261	62,261	1	59,485	.....	.....
12,896	18,816	1,244,918	1,172,591	3,970,681	2	2,870,621	899,290	1,049
.....	.....	35,762	6,474	81,007	2	69,870	.....	808
12,896	18,816	1,280,680	1,241,326	4,113,949	4	2,999,976	899,290	1,857
139,468	144,548	2,460,032	2,533,081	8,555,449	5	6,701,208	1,557,353	5,180

OF THE OUTPUT OF SHIPPING MINES, BY DISTRICTS

put of mines in tons				Total	Number of rail-roads	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives
Pea Coal	Carbon	Screenings	Mine Run					
.....	34,025	162,269	377,076	1,287,309	12	463,141	548,215	28,719
.....	4,800	286,315	980,234	1,850,151	10	753,215	957,515	33,784
450	705	346,864	259,669	1,209,350	4	632,946	540,606	.....
4,406	7,983	1,760,584	989,987	6,203,478	9	3,718,474	1,964,914	23,899
5,007	5,087	1,117,378	2,912,452	5,953,058	9	3,618,255	1,883,203	37,374
23,553	27,271	1,222,661	4,134,261	7,492,911	10	2,632,728	4,520,794	13,914
.....	1,933	1,109,521	789,890	3,939,036	11	2,806,725	825,221	818
18,956	18,325	1,034,448	2,060,608	5,249,581	7	3,883,084	1,014,471	121,504
75,531	63,479	921,261	2,053,211	5,230,790	7	2,917,210	1,989,744	51,302
421,007	708,838	2,502,329	1,545,175	9,808,903	4	7,014,016	2,062,961	1,087
12,896	18,816	1,280,680	1,241,326	4,113,949	4	2,999,976	899,290	1,857
139,468	144,548	2,460,032	2,533,081	8,555,449	5	6,701,208	1,557,353	5,180
701,274	1,035,810	14,204,342	19,876,970	60,893,965	.....	38,140,978	18,764,287	319,438

TABLE 16—RELATIVE RANK OF COUNTIES PRODUCING 1,000,000 TONS OF COAL OR MORE FOR 5 YEARS—1918-1922

County	1922		1921		1920		1919		1918	
	Rank		Rank		Rank		Rank		Rank	
Franklin.....	1	9,999,917	1	12,723,700	1	11,299,280	1	11,332,912	1	12,007,397
Williamson.....	2	8,735,964	2	10,784,752	2	9,631,386	2	10,052,578	2	11,655,101
Sangamon.....	3	5,833,494	4	6,903,733	3	6,877,547	3	6,663,877	3	8,155,734
Macoupin.....	4	5,444,507	3	7,516,222	4	6,844,049	4	6,104,287	5	7,095,366
St. Clair.....	5	4,725,654	5	6,280,668	5	5,280,768	5	5,989,187	4	7,868,449
Saline.....	6	4,009,904	6	4,245,132	6	4,539,853	6	4,631,320	6	5,670,832
Madison.....	7	3,118,419	7	4,215,640	7	3,882,620	7	3,929,544	7	5,188,768
Vermilion.....	8	3,011,164	10	3,160,552	8	2,408,900	8	3,299,446	9	3,971,330
Christian.....	9	2,791,110	9	3,216,066	10	2,608,052	9	3,034,111	10	3,221,234
Montgomery.....	10	2,078,948	8	3,226,218	9	3,006,491	10	2,971,796	8	4,340,675
Perry.....	11	2,071,447	11	2,561,064	11	2,408,900	11	2,696,984	11	2,937,237
Randolph.....	12	1,593,231	13	1,893,944	13	1,278,283	14	1,383,944	13	1,599,718
Fulton.....	13	1,467,577	12	2,019,968	12	2,313,975	12	1,937,881	12	2,792,950
Peoria.....	14	1,165,923	16	1,095,223	14	1,244,013	15	1,039,128	14	1,483,496

TABLE 17—COAL PRODUCING COUNTIES OF THE STATE, SHOWING NUMBER OF DISTRICT, MINES, MEN AND TONS, ALL MINES, SHIPPING MINES, LOCAL MINES, 1922

County	Dis- trict	All mines			Shipping mines			Local mines		
		Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Bond.....	7	1	284	189,197	1	284	189,197	.....	.....	.....
Bureau.....	1	10	1,891	489,846	5	1,848	467,848	5	43	21,998
Cass.....	3	4	16	6,912	.....	.....	.....	4	16	6,912
Christian.....	5	11	3,634	2,791,110	11	3,634	2,791,110	.....	.....	.....
Clinton.....	8	5	1,342	747,788	5	1,342	747,788	.....	.....	.....
Franklin.....	10	25	14,840	9,999,917	25	14,840	9,999,917	.....	.....	.....
Fulton.....	3	229	3,165	1,467,577	21	2,404	1,211,503	208	761	256,074
Gallatin.....	11	9	202	66,896	1	179	62,261	8	23	4,635
Greene.....	6	1	24	3,041	.....	.....	.....	1	24	3,041
Grundy.....	1	7	529	209,150	2	497	201,792	5	32	7,358
Hancock.....	3	6	38	4,825	.....	.....	.....	6	38	4,825
Henry.....	1	17	92	35,606	.....	.....	.....	17	92	35,606
Jackson.....	9	28	1,725	993,240	9	1,617	941,002	19	108	52,238
Jersey.....	6	1	4	1,500	.....	.....	.....	1	4	1,500
Johnson.....	12	3	9	5,825	.....	.....	.....	3	9	5,825
Knox.....	3	41	142	54,612	.....	.....	.....	41	142	54,612
LaSalle.....	1	37	1,334	437,867	6	1,010	290,849	31	324	147,018
Livingston.....	1	10	229	90,203	2	119	38,642	8	110	51,561
Logan.....	4	2	583	332,444	2	583	332,444	.....	.....	.....
Macon.....	5	3	444	201,326	3	444	201,326	.....	.....	.....
Macoupin.....	6	17	7,463	5,444,507	15	7,443	5,438,324	2	20	6,183
Madison.....	7	26	4,397	3,118,419	17	4,319	3,084,848	9	78	33,571
Marion.....	7	3	1,104	687,732	3	1,104	687,732	.....	.....	.....
Marshall.....	2	23	763	214,544	2	681	193,441	21	82	21,103
McDonough.....	3	46	146	20,030	.....	.....	.....	46	146	20,030
McLean.....	2	1	87	29,505	.....	.....	.....	1	87	29,505
Menard.....	4	11	260	131,386	1	178	80,362	10	82	51,024
Mercer.....	1	18	369	163,599	2	265	122,484	16	104	41,115
Montgomery.....	6	7	3,460	2,078,948	7	3,460	2,078,948	.....	.....	.....
Moultrie.....	5	1	213	152,436	1	213	152,436	.....	.....	.....
Morgan.....	4	3	11	860	.....	.....	.....	3	11	860
Peoria.....	2	84	2,050	1,165,923	13	1,555	951,338	71	495	214,585
Perry.....	9	29	3,366	2,071,447	17	3,317	2,057,813	12	49	13,634
Putnam.....	1	2	833	179,261	2	833	179,261	.....	.....	.....
Randolph.....	9	15	2,262	1,593,231	10	2,020	1,551,295	5	42	41,936
Rock Island.....	1	9	130	65,667	.....	.....	.....	9	130	65,667

TABLE 17—Concluded

County	Dis- trict	All mines			Shipping mines			Local mines		
		Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Saline.....	11	28	5,901	4,009,904	18	5,861	3,993,857	10	40	16,047
Sangamon....	4	31	8,465	5,833,494	26	8,392	5,792,067	5	73	41,427
Schuyler.....	3	43	105	30,977	.....	.....	.....	43	105	30,977
Scott.....	4	13	35	6,073	.....	.....	.....	13	35	6,073
Shelby.....	5	6	164	67,740	1	127	58,147	5	37	9,593
Stark.....	2	14	57	13,514	.....	.....	.....	14	57	13,514
St. Clair.....	8	66	7,004	4,725,654	47	6,738	4,557,492	19	266	168,162
Tazewell.....	2	9	949	669,721	6	846	608,100	3	103	61,621
Vermilion.....	5	78	4,035	3,011,164	15	3,629	2,766,409	63	406	244,755
Wabash.....	11	1	2	500	.....	.....	.....	1	2	500
Warren.....	3	7	32	6,135	.....	.....	.....	7	32	6,135
Washington....	9	6	864	715,742	3	843	711,322	3	21	4,420
White.....	11	1	188	81,007	1	188	81,007	.....	.....	.....
Will.....	1	1	60	18,144	.....	.....	.....	1	60	18,144
Williamson....	12	78	12,545	8,735,964	50	12,425	8,679,014	28	120	56,950
Woodford.....	2	2	243	104,717	2	243	104,717	.....	.....	.....
Total.....		1,133	98,090	63,276,827	352	93,681	61,406,093	781	4,409	1,870,734

TABLE 18—NUMBER OF MINES, AVERAGE DAYS WORKED, MEN EMPLOYED AND TONS MINED EACH YEAR, BY COUNTIES

Year	Bond			Brown			Bureau			Calhoun			Cass			Christian			
	Mines	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882				12	(a)	229	61,454												
1883				19	(a)	365	77,381												
1884				18	203	372	88,564	1	100	2	160	2	250	35	3,425				
1885	2	61	18,560	19	197	812	140,562		(a)	(a)	(a)	5	117	27	3,227	1	283	170	102,565
1886	(a)			(a)		(a)	429,580		(a)			(a)			3,225	(a)			149,973
1887	2	231	36,076	17	231	2,040	635,097	1	200	6	1,036			33	7,300	3	288	156	147,030
1888	2	258	118	17	206	1,719	493,730	1	253	4	1,078			33	7,300	3	288	156	147,030
1889	2	251	111	18	175	1,543	372,701	1	234	6	1,468			32	4,650	7	236	658	439,451
1890	2	268	112	17	209	2,908	701,064	1	287	11	2,773			27	4,466	6	257	863	718,326
1891	2	268	112	17	209	2,908	701,064	1	287	11	2,773			27	4,466	6	257	863	718,326
1892	2	240	165	17	209	2,908	701,064	1	287	11	2,773			27	4,466	6	257	863	718,326
1893	1	236	104	18	220	2,990	1,143,270	1	270	16	4,584			21	4,141	15	330	6,224	1,011,767
1894	1	151	110	18	185	3,115	878,937	1	250	27	3,487			33	9,200	7	224	1,369	1,005,500
1895	2	173	118	21	171	3,265	834,541	1	276	33	9,200			33	9,200	7	224	1,369	1,005,500
1896	2	121	118	17	180	2,488	1,042,304	1	300	22	6,000			41	8,612	6	172	1,253	763,228
1897	2	173	148	17	180	2,488	1,042,304	1	300	22	6,000			41	8,612	6	172	1,253	763,228
1898	2	188	172	17	190	2,915	1,435,312	1	226	17	3,868			31	4,536	6	140	948	837,897
1899	1	178	181	17	190	2,915	1,435,312	1	226	17	3,868			31	4,536	6	140	948	837,897
1900	1	233	242	18	202	3,071	1,410,521	1	261	20	4,118			19	3,430	6	140	948	837,897
1901	1	226	242	18	202	3,071	1,410,521	1	261	20	4,118			19	3,430	6	140	948	837,897
1902	1	136	200	20	199	3,025	1,529,036	1	224	22	6,952			12	2,650	6	136	993	572,459
1903	1	250	180	17	185	2,389	4,437	1	240	13	3,429			8	2,450	6	136	993	572,459
1904	1	200	249	17	185	2,389	4,437	1	240	13	3,429			8	2,450	6	136	993	572,459
1905	1	145	211	18	201	3,825	1,732,813	1	224	22	6,952			12	2,650	6	136	993	572,459
1906	2	162	203	21	198	4,533	1,832,571	1	200	10	2,880			7	2,590	8	162	1,491	857,890
1907	2	205	239	21	173	4,746	1,891,456	1	200	10	2,880			7	2,590	8	162	1,491	857,890
1908	3	156	250	18	197	4,312	1,891,456	1	235	18	4,450			4	1,625	8	171	1,663	1,235,566
1909	2	196	171	16	182	4,421	1,688,528	1	206	22	2,407			5	(a)	(a)	(a)	(a)	(a)
1910	1	186	149	15	187	4,000	1,352,994	1	250	14	4,620			(a)	(a)	(a)	(a)	(a)	(a)
1911	2	105	269	14	179	3,695	1,234,121	1	150	13	1,775			(a)	(a)	(a)	(a)	(a)	(a)
1912	2	160	316	13	186	3,945	1,681,103	1	200	10	1,660			(a)	(a)	(a)	(a)	(a)	(a)
1913	2	187	293	11	205	3,686	1,798,436							2	560	10	165	2,020	1,481,737
1914	2	159	364	10	183	3,480	1,467,022							2	626	11	174	2,363	1,412,246
1915	1	65	180	8	195	3,217	1,236,873							2	1,400	9	142	2,550	2,020,675
1916	1	133	99	7	215	2,827	1,298,582							3	1,200	8	196	2,432	3,773,362
1917	1	129	107	10	222	2,537	1,390,552							3	1,500	9	222	2,750	2,822,167
1918	1	210	228	9	206	2,467	1,350,890							3	1,686	10	227	3,026	3,221,234
1919	1	237	180	11	248	2,467	1,350,890							4	669	11	188	3,209	3,034,111
1920	1	166	225	9	206	2,184	1,081,559							4	4,233	11	164	3,011	2,608,052
1921	1	162	239	12	170	1,705	926,207							16	6,398	11	151	3,426	3,216,066
1922	1	143	239	12	185	1,650	666,575							16	6,912	11	115	3,634	2,791,110
	1	106	284	10	135	1,891	489,846							4	189				

TABLE 18—Continued

Year	Clinton				Edgar				Franklin				Fulton				Gallatin				Greene			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882.	1 (a)	75	40,000																					
1883.	2 (a)	129	48,000																					
1884.	2 265	154	61,389	14,419																				
1885b.				21,720																				
1886.	3 250	165	61,537	18,022																				
1887.	(a)	(a)	55,238	(a)																				
1888.	3 208	173	66,363	(a)																				
1889.	3 246	236	121,557	(a)																				
1890.	3 245	255	170,416	(a)																				
1891.	3 202	232	174,166	(a)																				
1892.	3 213	277	171,873	(a)																				
1893.	3 196	234	255,095	(a)																				
1894.	3 168	273	200,920	(a)																				
1895.	3 200	401	284,487	(a)																				
1896.	3 200	321	309,504	(a)																				
1897.	4 168	369	328,184	(a)																				
1898.	4 188	467	417,584	(a)																				
1899.	6 159	482	434,735	(a)																				
1900.	6 209	643	535,601	(a)																				
1901.	6 212	790	724,664	(a)																				
1902.	6 218	1,007	724,462	800																				
1903.	6 228	941	870,518	(a)																				
1904.	6 194	1,041	925,515	6,022																				
1905.	6 194	1,041	925,515	5,850																				
1906.	6 164	1,183	770,689	3,300																				
1907.	7 205	1,350	1,061,410	4,971																				
1908.	7 186	1,481	1,152,670	280																				
1909.	7 158	1,596	1,051,108	1,100																				
1910.	4 196	1,122	1,000,935	371																				
1911.	5 178	1,313	1,000,536	371																				
1912.	5 165	1,315	1,012,982																					
1913.	5 168	1,315	1,036,303																					
1914.	5 159	1,312	1,109,162																					
1915.	4 193	1,220	1,142,264																					
1916.	4 233	1,491	1,395,588																					
1917.	5 178	1,430	1,426,594																					
1918.	5 202	1,323	1,435,969																					
1919.	5 193	1,436	1,435,909																					
1920.	5 148	1,311	1,092,882																					
1921.	5 152	1,321	1,165,050																					
1922.	5 96	1,342	747,788																					

TABLE 18—Continued

Year	Grundy				Hamilton				Hancock				Henry				Jackson				Jefferson			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882..	22	(a)	1,497	506,402																				
1883..	22	(a)	1,610	526,888																				
1884..	29	220	2,289	713,234																				
1885..					5	142	36	4,555																
1886..	22	169	2,741	776,625			59	8,550	23	191	565	137,817	11	179	688	251,644								
1887..	(a)						(a)																	
1888..	23	179	2,642	862,866			45	6,510	28	196	426	108,831	14	205	774	445,575								
1889..	24	179	2,436	698,033			35	6,028	30	179	413	101,716	18	171	882	477,474								
1890..	23	170	2,392	654,017			2	450	32	172	353	98,734	24	152	784	580,521								
1891..	23	180	2,625	921,907			37	6,948	32	172	353	98,734	24	152	784	580,521								
1892..	23	193	3,782	1,175,084			30	6,188	37	6,740	33	131,986	24	176	975	681,859								
1893..	24	205	3,644	1,186,919			34	6,181	39	5,380	484	156,736	23	177	746	869,514								
1894..	24	205	3,644	1,186,919			34	6,181	39	5,380	484	156,736	23	177	746	869,514								
1895..	27	177	4,611	1,330,420			4	206	6	222	53	10,315	31	189	533	111,640								
1896..	29	188	4,300	1,261,838			10	4,645	6	189	55	10,274	32	196	560	135,967								
1897..	26	150	3,248	1,077,576			3	52	7	172	46	4,497	31	185	466	136,415								
1898..	20	173	3,127	796,249			24	4,160	29	192	403	119,497	21	170	1,043	675,211								
1899..	22	215	3,298	1,280,332			26	5,600	30	173	461	159,049	21	170	1,043	675,211								
1900..	24	220	3,098	999,863			30	5,280	33	177	283	91,765	27	189	1,265	875,711								
1901..	23	233	3,001	993,092			28	4,480	35	187	304	105,589	28	180	1,135	883,311								
1902..	25	233	3,471	1,383,332			28	4,840	35	172	28	4,855	34	172	270	83,535								
1903..	22	237	3,703	1,457,933			7	550	6	192	38	11,340	31	205	338	130,663								
1904..	25	218	3,538	1,405,158			6	700	6	193	40	12,270	29	190	364	151,887								
1905..	24	199	3,471	1,326,109			3	2,000	4	187	40	11,560	32	188	399	159,019								
1906..	24	200	2,869	1,170,625			34	11,560	33	164	33	11,560	32	188	399	159,019								
1907..	22	232	3,471	1,326,109			7	550	6	192	38	11,340	31	205	338	130,663								
1908..	20	232	3,471	1,326,109			34	11,560	33	164	33	11,560	32	188	399	159,019								
1909..	20	232	3,471	1,326,109			34	11,560	33	164	33	11,560	32	188	399	159,019								
1910..	19	201	2,437	927,152			16	10,009	25	176	311	133,920	20	184	1,095	650,033								
1911..	15	192	1,747	601,393			3	231	16	243	22	4,439	22	154	287	135,811								
1912..	13	204	1,712	756,388			7	2,920	22	138	232	44,819	20	163	984	729,445								
1913..	12	183	1,151	427,515			23	4,260	22	139	143	56,151	20	174	1,099	727,484								
1914..	17	190	1,028	420,610			18	3,511	15	197	122	51,983	16	147	996	622,318								
1915..	4	200	744	333,682			3	255	18	4,160	13	223	116	50,019	21	149	984	821,121						
1916..	5	111	745	305,000			8	3,965	12	249	93	45,951	18	176	1,025	818,571								
1917..	4	230	672	412,162			16	3,776	13	230	116	57,646	20	203	1,211	975,141								
1918..	3	253	493	246,956			21	5,961	14	197	92	38,708	24	165	1,348	1,146,176								
1919..	6	180	482	277,914			18	3,656	12	187	92	38,708	24	165	1,348	1,146,176								
1920..	7	170	482	277,914			21	5,961	14	197	92	38,708	24	165	1,348	1,146,176								
1921..	6	171	435	204,366			23	3,250	11	195	69	27,383	25	166	1,519	204,949								
1922..	7	135	529	209,150			38	4,825	17	175	92	35,606	28	148	1,725	993,240								

TABLE 18—Continued

Year	Jersey			Johnson			Kankakee			Knox			LaSalle			Livingston								
	Mines	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons					
1882	4	(a)	16	2,300	7	(a)	27,000	4	(a)	50	27,000	37	(a)	216	33,836	65	(a)	2,996	1,169,030	17	(a)	695	214,100	
1883	2	(a)	9	2,700	2	(a)	11,780	2	(a)	175	32,500	44	(a)	239	40,968	41	(a)	2,581	1,010,857	18	(a)	1,020	225,400	
1884	5	176	13	2,920	(a)	368	63,000	46	158	71	43,467	33	164	2,903	1,064,384	33	164	2,903	1,064,384	12	169	541	201,095	
1885																								
1886	6	100	14	2,160	(a)	311	73,678	44	145	359	38,154	29	175	2,857	980,382	29	175	2,857	980,382	12	144	799	208,545	
1887	(a)	(a)	(a)	2,684	(a)	(a)	28,000	(a)	(a)	(a)	97,000	(a)	(a)	(a)	324	57,033	28	(a)	1,125	235	(a)	(a)	387,600	
1888	5	213	16	3,949	1	220	79	2,810	1	220	360	82,000	41	158	275	57,033	28	202	3,317	1,090,435	13	200	1,456	395,388
1889	3	199	17	4,040	1	60	15	3,400	1	171	270	67,380	46	168	281	57,588	26	168	3,041	1,039,703	12	174	445	382,965
1890	1	200	8	7,500	4	62	40	12,110	2	138	287	62,460	41	156	269	51,653	35	143	3,271	1,036,713	13	159	1,305	372,504
1891	3	286	14	4,252	2	73	10	4,24	2	165	314	90,908	46	176	239	44,974	38	193	3,781	1,378,168	12	192	1,256	458,329
1892	4	267	18	3,378	1	90	21	2,200	2	171	302	82,158	42	158	245	43,137	28	185	3,792	1,378,168	12	192	1,256	458,329
1893	4	278	21	5,904	(a)	(a)	(a)	(a)	(a)	(a)	98,700	39	162	245	49,908	28	211	3,401	1,544,311	14	196	1,267	542,516	
1894	5	133	16	2,238	(a)	(a)	(a)	(a)	(a)	(a)	51,330	37	167	333	51,330	31	167	3,693	1,134,097	14	196	1,267	542,516	
1895	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	83,513	33	168	415	58,330	31	182	3,693	1,134,097	14	196	1,267	542,516	
1896	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	72,395	30	160	215	39,557	39	154	3,671	1,409,885	15	193	789	218,955	
1897	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	108,683	29	181	41	41,773	39	154	3,671	1,409,885	15	193	789	218,955	
1898	1	210	4	1,680	6	97	18	2,778	2	191	264	84,632	34	131	196	49,819	44	161	3,647	1,165,490	15	158	301	122,087
1899	6	150	20	4,050	5	104	16	2,300	2	160	190	84,632	37	167	167	43,214	42	182	3,661	1,165,490	15	167	314	117,248
1900	8	118	19	2,800	5	124	25	4,956	2	198	210	129,018	37	167	167	43,214	42	182	3,661	1,165,490	15	167	314	117,248
1901	10	107	20	2,791	4	152	23	4,209	2	191	278	138,741	45	158	199	54,139	40	219	3,752	1,202,804	16	230	424	184,640
1902	8	73	17	3,053	5	109	11	2,680	2	215	212	86,745	39	165	251	78,362	35	228	3,741	1,833,561	16	205	533	294,824
1903	6	140	15	2,790	5	90	12	2,545	1	227	200	51,901	35	165	251	78,362	35	228	3,741	1,833,561	16	205	533	294,824
1904	7	136	22	3,405	3	100	14	3,050	1	174	19	53,405	46	138	296	89,992	35	214	3,701	1,894,510	14	237	596	348,291
1905	8	142	22	3,141	2	175	5	2,400	1	30	23	700	42	147	253	68,981	45	190	3,781	1,696,853	17	195	341	150,467
1906	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	28,419	46	146	207	63,386	41	176	3,739	1,595,327	13	213	501	244,304	
1907	2	145	4	2,040	2	231	13	2,900	1	247	85	37,828	42	151	157	42,668	39	188	3,641	1,644,686	9	233	578	269,811
1908	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	37,828	42	151	157	42,668	39	188	3,641	1,644,686	9	233	578	269,811	
1909	1	200	3	4,400	3	125	11	1,896	1	227	52	17,801	39	135	145	44,070	38	207	3,741	1,626,931	8	227	453	302,342
1910	1	200	4	1,600	3	139	9	1,084	1	73	97	8,435	37	133	145	44,070	38	207	3,741	1,626,931	8	227	453	302,342
1911	1	200	3	578	3	127	8	1,521	(a)	(a)	(a)	(a)	33	175	38	38,673	33	175	3,885	1,666,220	8	254	460	258,495
1912	1	200	5	1,400	2	103	9	1,084	1	73	97	8,435	33	175	38	38,673	33	175	3,885	1,666,220	8	254	460	258,495
1913	1	200	4	12,000	3	134	12	3,107	(a)	(a)	(a)	(a)	33	175	38	38,673	33	175	3,885	1,666,220	8	254	460	258,495
1914	1	200	4	960	3	127	11	3,579	(a)	(a)	(a)	(a)	33	175	38	38,673	33	175	3,885	1,666,220	8	254	460	258,495
1915	1	200	4	960	3	127	11	3,579	(a)	(a)	(a)	(a)	33	175	38	38,673	33	175	3,885	1,666,220	8	254	460	258,495
1916	1	250	4	1,320	4	156	13	5,510	(a)	(a)	(a)	(a)	36	175	36	175	3,885	1,666,220	8	254	460	258,495		
1917	1	250	4	1,390	4	156	13	5,510	(a)	(a)	(a)	(a)	36	175	36	175	3,885	1,666,220	8	254	460	258,495		
1918	1	250	4	1,390	4	156	13	5,510	(a)	(a)	(a)	(a)	36	175	36	175	3,885	1,666,220	8	254	460	258,495		
1919	1	200	4	893	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	36	175	36	175	3,885	1,666,220	8	254	460	258,495		
1920	1	200	3	640	2	200	10	3,300	(a)	(a)	(a)	(a)	36	175	36	175	3,885	1,666,220	8	254	460	258,495		
1921	1	250	4	950	3	157	15	9,670	(a)	(a)	(a)	(a)	36	175	36	175	3,885	1,666,220	8	254	460	258,495		
1922	1	200	4	1,500	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	36	175	36	175	3,885	1,666,220	8	254	460	258,495		

TABLE 18—Continued

Year	Logan				Macon				Macoupin				McDonough				McLean				Madison			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882..	1	(a)	67	65,000	21	(a)	1,012	780,925	48	(a)	497	110,451	1	(a)	175	60,000	26	(a)	1,243	578,000				
1883..	3	170	4	80,000	23	(a)	1,596	1,233,200	51	(a)	600	189,350	1	(a)	175	60,000	27	(a)	949	767,200				
1884..	4	274	241	118,800	23	222	1,784	1,164,409	62	113	701	113,937	1	304	300	125,000	29	227	957	560,636				
1885b.																								
1886..	3	263	337	180,000	3	229	240	115,272	22	196	1,895	1,085,539	60	112	557	91,467	2	270	388	120,600	29	193	1,127	604,214
1887..	(a)			159,000	(a)		(a)	926,588							(a)									
1888..	3	253	329	174,330	3	268	592	280,805	62	149	1,482	1,016,624	62	149	668	104,274	2	270	366	117,110	26	218	828	512,948
1889..	3	236	283	138,700	3	284	547	233,309	22	228	1,578	1,202,187	53	155	558	98,386	3	240	382	129,322	23	202	015	490,181
1890..	3	227	269	164,650	3	249	428	179,050	20	229	1,636	1,369,919	44	146	451	83,401	3	235	433	173,492	23	226	678	646,228
1891..	3	241	294	176,052	3	258	385	207,286	16	224	1,506	1,461,244	49	119	470	81,401	3	197	473	230,129	27	223	880	719,308
1892..	3	239	287	187,356	3	260	408	227,020	14	246	1,733	1,823,136	44	132	569	91,127	3	208	435	222,372	22	232	924	873,770
1893..	3	258	298	189,319	3	294	456	280,233	16	250	1,791	1,988,069	33	119	550	102,926	3	262	436	204,827	22	236	1,008	951,894
1894..	3	227	299	186,300	3	238	460	227,820	18	191	1,922	1,575,045	41	125	444	53,367	2	231	456	167,294	21	182	018	889,768
1895..	3	238	179	181,975	3	245	429	231,000	19	190	2,051	1,948,992	41	144	431	53,387	3	259	410	156,891	23	150	1,255	978,161
1896..	3	250	302	166,000	3	261	397	188,207	18	178	1,901	2,097,333	42	164	303	47,821	3	300	299	133,334	26	174	976	780,921
1897..	3	240	240	168,917	3	242	314	173,163	17	198	1,979	1,975,981	32	147	222	40,532	3	300	299	133,334	26	174	976	780,921
1898..	3	238	258	177,935	3	280	344	200,264	20	118	2,077	1,646,926	50	152	315	77,696	3	300	299	133,334	26	174	976	780,921
1899..	3	205	261	185,981	3	224	378	197,048	21	157	2,115	1,646,674	50	128	281	51,494	3	267	321	171,594	23	145	1,026	630,769
1900..	3	242	274	214,555	3	169	371	117,661	19	202	2,115	1,646,674	50	128	281	51,494	3	267	321	171,594	23	145	1,026	630,769
1901..	3	203	282	162,091	3	133	335	89,370	20	194	2,358	2,075,253	46	148	259	51,042	4	205	411	167,759	26	190	1,561	1,441,650
1902..	3	190	284	178,031	3	150	293	109,720	19	200	2,496	2,075,253	47	155	220	49,971	4	205	411	167,759	26	190	1,561	1,441,650
1903..	4	207	490	373,251	3	230	272	130,798	22	200	2,695	2,223,055	56	137	243	60,574	3	300	396	220,611	31	215	2,915	2,551,587
1904..	4	194	640	419,004	4	249	286	151,334	26	175	3,051	2,221,474	64	152	249	60,574	4	258	417	218,140	35	215	4,123	4,030,892
1905..	4	194	636	384,288	5	269	372	196,628	27	169	3,366	2,530,840	72	150	293	43,944	3	253	330	175,010	38	182	3,815	2,987,906
1906..	4	187	675	450,127	5	195	466	266,883	29	169	3,992	3,241,087	67	145	280	46,389	3	255	346	152,500	36	177	3,913	3,031,553
1907..	4	191	677	478,015	5	220	534	296,329	27	182	4,502	4,227,267	54	152	280	46,389	2	257	306	154,943	34	187	3,979	3,573,163
1908..	4	186	761	430,010	4	194	443	237,636	27	170	5,009	4,224,865	42	149	200	35,576	2	245	304	122,416	32	176	4,034	3,584,106
1909..	4	185	668	343,582	4	186	453	197,633	22	178	4,641	4,361,395	42	129	171	25,326	2	255	368	129,614	31	168	4,034	3,584,106
1910..	4	186	716	475,536	5	168	552	265,764	17	188	4,908	4,040,425	43	169	160	27,483	2	255	368	129,614	31	168	4,034	3,584,106
1911..	4	147	660	304,099	5	170	643	255,764	17	188	4,908	4,040,425	43	169	160	27,483	2	240	270	101,860	29	179	4,323	3,719,155
1912..	4	185	677	429,555	5	166	597	271,626	17	188	4,908	4,040,425	43	169	160	27,483	2	240	270	101,860	29	179	4,323	3,719,155
1913..	4	176	591	411,003	5	154	548	279,732	15	185	4,681	4,219,386	41	134	147	23,612	2	226	200	96,898	27	167	4,385	3,454,536
1914..	4	176	619	389,386	4	167	516	210,778	15	185	5,000	5,208,682	43	146	119	28,926	2	274	191	93,236	27	184	4,567	3,890,639
1915..	4	190	622	338,847	2	196	434	157,678	15	176	5,330	4,987,281	52	131	147	25,685	2	238	176	80,991	25	175	4,338	3,678,509
1916..	3	174	624	401,460	2	209	376	173,530	12	186	5,270	5,259,866	48	116	125	22,804	2	248	180	60,142	24	180	3,980	3,437,469
1917..	3	249	763	596,511	3	174	462	259,004	15	205	5,384	6,095,825	50	119	111	17,603	2	239	166	89,412	26	190	3,805	3,768,430
1918..	3	218	763	539,094	3	325	497	343,162	16	230	5,804	7,095,366	48	118	116	18,174	2	258	154	93,795	25	153	4,701	5,188,768
1919..	2	188	551	331,057	3	176	441	267,614	19	199	6,512	6,104,287	44	107	100	13,922	1	206	123	46,200	24	166	4,640	3,929,544
1920..	2	195	553	395,100	3	176	434	218,820	19	193	6,832	6,887,547	45	128	104	18,632	1	241	95	43,357	24	168	4,595	4,226,530
1921..	2	227	563	344,828	3	196	441	240,946	18	194	7,070	7,521,432	42	83	110	13,685	1	198	71	29,121	30	141	4,595	4,226,530
1922..	2	185	583	332,444	3	148	444	201,326	17	143	7,463	5,444,507	46	125	105	20,030	1	214	87	29,505	26	125	4,397	3,118,419

TABLE 18—Continued

Year	Marion				Marshall				Menard				Mercer				Montgomery				Morgan			
	Mines	Av. days	Tons	Men	Mines	Av. days	Tons	Men	Mines	Av. days	Tons	Men	Mines	Av. days	Tons	Men	Mines	Av. days	Tons	Men	Mines	Av. days	Tons	
1882..	2	(a)	202	27	188	66,174	5,450	6	(a)	194	95,998	24	(a)	398	100,860	1	(a)	100	42,400	6	(a)	37	13,500	
1883..	2	234	120,000	11	119	87,013	6,040	7	(a)	301	134,275	24	(a)	544	144,434	1	(a)	125	25,000	2	(a)	31	600	
1884..	2	250	256	117	119	21,576	21,576	7	278	425	151,749	22	170	605	118,513	1	275	25	10,717	2	100	35	2,500	
1885..	2	245	342	109	129	188	66,174	8	220	307	127,464	19	152	529	103,329	1	168	28	8,666	3	200	22	6,255	
1886..	(a)	(a)	98,915	(a)	(a)	(a)	(a)	(a)	(a)	412	155,621	21	150	574	167,931	2	181	47	10,220	3	(a)	(a)	6,669	
1887..	5	223	448	156,975	18	118	278	87,013	10	200	412	181,075	21	150	574	167,931	2	181	47	10,220	3	224	45	12,545
1888..	5	189	449	180,777	14	145	337	59,784	10	208	396	141,621	21	161	627	175,690	3	193	81	24,425	3	233	64	13,019
1889..	5	241	426	218,499	13	142	312	56,574	10	208	407	230,662	21	151	658	238,000	3	271	152	58,617	4	195	74	16,601
1890..	6	252	592	321,652	13	170	309	65	119	178	566	204,583	20	181	686	214,360	3	242	243	107,190	4	201	34	7,610
1891..	6	204	662	376,519	11	134	241	78,576	10	192	392	285,695	18	166	656	328,542	3	266	258	147,870	3	202	18	4,266
1892..	6	233	716	480,529	12	166	277	92,134	9	200	542	281,635	19	181	710	363,206	3	258	276	175,712	3	162	14	2,142
1893..	6	234	646	478,577	17	129	92	134,696	9	188	575	295,832	15	205	782	374,003	3	221	355	178,040	(a)	(a)	(a)	1,088
1894..	6	244	701	538,900	14	164	959	346,281	10	179	539	277,738	15	162	968	462,011	4	188	420	197,842	3	100	20	1,560
1895..	6	219	794	643,561	12	119	389	429	119	198	620	347,365	18	167	1,078	450,471	5	201	435	251,249	(a)	(a)	(a)	(a)
1896..	6	223	697	626,858	14	154	965	339,820	11	181	510	328,920	16	169	857	425,518	6	208	450	251,249	(a)	(a)	(a)	(a)
1897..	6	217	828	714,513	14	160	831	369,148	10	165	468	311,160	17	171	814	484,345	6	213	511	354,201	2	186	4	1,800
1898..	6	198	927	494,117	12	171	681	349,578	10	208	570	427,939	17	189	790	496,591	6	208	500	289,822	3	203	15	4,800
1899..	6	242	986	840,814	17	156	818	369,148	10	202	570	397,276	18	196	879	501,063	5	186	590	328,251	2	248	13	4,010
1900..	6	237	1,103	829,326	18	157	828	386,334	12	180	614	393,777	18	196	958	563,603	5	190	590	328,251	2	248	13	4,010
1901..	6	200	1,103	881,821	17	173	924	441,643	13	200	579	438,768	17	189	945	602,722	5	220	632	420,312	2	153	14	3,310
1902..	6	198	1,140	1,002,047	15	170	907	465,079	16	219	607	492,328	16	205	912	648,070	5	220	632	420,312	2	257	13	3,840
1903..	6	198	1,140	1,002,047	15	170	907	465,079	16	219	607	492,328	16	205	912	648,070	5	220	632	420,312	2	257	13	3,840
1904..	6	198	1,140	1,002,047	15	170	907	465,079	16	219	607	492,328	16	205	912	648,070	5	220	632	420,312	2	257	13	3,840
1905..	7	172	1,371	1,086,350	12	161	938	476,239	15	200	746	543,763	16	213	942	601,508	5	206	605	494,501	2	194	14	4,300
1906..	6	161	1,389	826,280	13	158	1,092	510,968	16	176	821	448,433	17	198	922	544,220	6	185	747	468,198	3	148	15	4,702
1907..	7	241	1,192	1,084,783	13	199	1,053	437,230	16	166	795	536,273	16	190	784	448,088	8	169	940	619,839	2	227	14	3,048
1908..	5	216	1,179	953,925	10	178	961	423,029	14	188	658	403,896	18	193	769	458,472	10	213	1,195	1,078,336	2	275	9	2,698
1909..	7	212	1,150	1,096,847	8	209	978	421,552	15	182	673	397,526	17	173	654	419,448	11	171	1,087	1,382,368	3	203	13	7,490
1910..	7	171	1,581	1,065,268	10	168	1,042	372,436	14	193	593	338,708	16	184	565	296,087	11	169	1,041	1,480,635	4	126	16	1,445
1911..	7	171	1,581	1,065,268	10	168	1,042	372,436	14	193	593	338,708	16	184	565	296,087	11	169	1,041	1,480,635	4	126	16	1,445
1912..	6	205	1,396	1,203,947	13	174	1,067	447,094	12	180	376	220,418	12	141	521	361,355	10	184	2,580	2,189,078	-2	161	6	1,708
1913..	6	197	1,416	1,188,551	12	159	1,047	468,000	12	155	342	169,149	13	156	565	421,593	10	177	2,672	2,880,341	1	170	10	1,515
1914..	4	205	981	952,868	10	109	1,043	403,150	11	157	333	142,127	13	165	595	421,593	10	166	2,629	2,418,329	1	181	4	1,085
1915..	4	203	1,091	961,037	12	93	1,041	390,408	9	185	101	43,139	12	164	551	372,254	8	183	1,018	2,578,680	1	200	6	1,380
1916..	4	182	1,046	900,483	11	112	1,041	437,960	10	170	227	163,190	12	170	468	354,202	7	200	3,074	3,123,882	2	188	7	1,535
1917..	4	194	1,045	1,088,619	15	120	989	472,690	9	215	277	197,283	13	172	381	264,459	9	193	3,576	3,641,676	2	206	6	1,000
1918..	4	221	1,159	1,116,289	11	195	874	393,134	9	215	257	227,032	16	181	457	314,422	6	269	4,114	4,340,675	1	240	5	1,544
1919..	3	208	1,092	906,871	11	162	788	248,153	9	204	239	165,933	15	179	385	235,668	9	163	3,818	2,971,796	1	300	5	2,604
1920..	3	198	997	869,886	13	157	662	305,012	9	196	243	145,868	12	168	322	226,733	10	155	3,934	3,006,491	1	270	3	1,250
1921..	3	186	1,063	841,989	19	124	656	259,240	9	230	256	159,394	16	148	319	209,753	10	171	3,570	3,239,718	1	103	3	1,550
1922..	3	160	1,104	687,732	23	93	763	214,544	11	124	260	131,386	18	169	369	163,599	7	117	3,460	2,078,948	3	137	11	860

TABLE 18—Continued

Year	Moultrie			Peoria			Perry			Putnam			Randolph			Rock Island				
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882..	60	(a)	963	419,087	13	(a)	541	276,845	..	..	..	..	11	(a)	126	186,267	10	(a)	493	131,081
1883..	35	(a)	944	515,458	15	(a)	589	299,305	..	..	..	..	14	(a)	170	68,560	11	(a)	549	118,301
1884..	63	202	1,172	452,078	15	200	579	255,868	..	..	..	..	9	182	132	46,535	21	184	401	104,643
1885b	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1886..	89	150	1,268	386,852	15	191	713	213,112	..	..	..	..	11	180	174	62,220	25	160	383	87,713
1887..	..	(a)	..	452,123	..	(a)	..	319,552	..	..	..	..	..	(a)	..	74,263	..	(a)	..	85,782
1888..	83	167	1,218	533,817	13	212	916	306,235	..	..	..	..	16	178	347	167,321	22	173	283	57,872
1889..	86	163	1,156	454,731	20	171	1,148	381,347	..	..	..	..	16	172	293	98,202	25	159	264	47,363
1890..	87	147	1,165	482,725	17	194	1,163	497,768	..	..	..	..	14	158	274	134,699	24	165	227	39,696
1891..	81	185	1,306	564,119	20	177	1,370	604,152	..	..	..	..	16	173	338	172,321	24	185	183	31,540
1892..	75	180	1,279	632,939	20	161	1,182	461,068	..	..	..	..	15	182	370	168,979	22	149	162	36,109
1893..	72	172	1,374	620,149	18	203	1,192	860,151	..	..	..	..	14	220	394	171,055	18	162	153	34,308
1894..	86	168	1,461	611,792	17	147	1,187	587,444	..	..	..	..	15	201	443	193,247	14	179	203	41,641
1895..	79	167	1,209	437,457	22	193	1,312	587,444	..	..	..	..	15	167	466	194,481	16	182	211	45,585
1896..	66	166	1,180	457,061	22	162	1,266	626,507	..	..	..	..	15	167	466	194,481	16	182	211	45,585
1897..	63	178	1,010	504,309	23	141	1,298	689,921	..	..	..	..	19	144	438	202,838	18	145	168	34,065
1898..	61	161	1,092	640,193	24	155	1,325	845,329	..	..	..	..	19	134	380	150,647	20	156	148	35,651
1899..	60	189	1,133	744,698	25	185	1,335	879,422	..	..	..	..	17	143	421	274,072	20	156	152	47,490
1900..	64	191	1,310	727,737	22	167	1,068	680,655	..	..	..	..	12	182	486	374,323	23	151	149	41,597
1901..	63	175	1,191	710,582	21	175	1,304	664,278	..	..	..	..	12	207	556	447,430	17	163	139	45,191
1902..	72	191	1,217	824,260	23	168	1,285	789,278	..	..	..	..	14	180	629	413,549	18	164	185	63,399
1903..	69	195	1,323	920,716	26	162	1,763	1,031,751	..	..	..	..	12	175	571	400,802	16	161	176	85,700
1904..	87	203	1,371	939,737	26	162	1,874	1,240,174	..	..	..	..	13	209	844	620,280	14	168	191	84,100
1905..	84	161	1,497	904,892	26	167	2,151	1,268,718	..	..	..	..	12	196	660	506,547	14	168	191	85,700
1906..	84	136	1,292	844,448	27	168	2,051	1,443,926	..	..	..	..	13	209	844	620,280	14	168	191	85,700
1907..	52	181	1,375	1,027,123	27	196	2,250	1,743,922	..	..	..	..	14	155	552	78,784	14	155	152	78,784
1908..	71	153	1,492	1,054,673	25	175	2,182	1,610,411	..	..	..	..	15	165	858	581,841	15	176	132	74,021
1909..	70	156	1,402	821,349	23	150	2,249	1,536,903	..	..	..	..	2	254	724	403,136	15	182	904	66,513
1910..	65	166	1,538	924,873	23	144	2,383	1,390,436	..	..	..	..	2	254	996	561,804	15	147	127	62,961
1911..	32	4,800	32	4,800	32	4,800	32	4,800	..	..	..	..	2	194	1,100	470,132	14	174	907	51,241
1912..	34	5,520	34	5,520	34	5,520	34	5,520	..	..	..	..	2	114	1,309	585,135	14	187	1,051	66,660
1913..	109	105,280	56	159,171	24	148	2,244	1,643,043	..	..	..	..	2	244	1,354	716,531	14	145	149	76,696
1914..	145	121,352	56	160,172	24	150	2,719	2,052,148	..	..	..	..	2	250	1,230	752,729	16	146	116	712,058
1915..	184	174,775	57	157,163	19	167	2,434	2,173,834	..	..	..	..	2	117	1,383	660,499	14	156	136	898,405
1916..	178	180,040	57	184,631	19	170	2,516	2,509,016	..	..	..	..	2	196	1,410	624,713	11	170	103	37,688
1917..	213	200	239,818	174,170	17	170	2,551	2,477,561	..	..	..	..	2	206	1,293	648,802	16	160	121	55,709
1918..	258	209	244,791	150,170	19	206	2,937	2,937,237	..	..	..	..	2	262	1,177	712,535	16	160	121	55,709
1919..	195	174,050	64	161,538	19	207	3,064	2,696,984	..	..	..	..	2	244	912	533,326	16	161	121	55,709
1920..	186	165,359	64	161,538	20	150	3,064	2,408,900	..	..	..	..	2	237	799	499,671	14	161	121	55,709
1921..	192	149,436	72	157,178	27	154	3,297	2,570,264	..	..	..	..	2	221	855	423,104	15	204	126	65,315
1922..	161	152,436	84	150,205	29	119	3,366	2,071,447	..	..	..	..	2	80	833	179,261	15	138	130	65,667

TABLE 18—Continued

Year	St. Clair				Saline				Sangamon				Schuyler				Scott				Shelby			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882..	76	(a)	1,583	865,685	3	(a)	162	348,320	13	(a)	1,006	632,835	8	(a)	38	5,115	13	(a)	107	19,924	5	(a)	27	2,100
1883..	83	(a)	2,315	790,522	3	(a)	182	270,128	12	(a)	1,269	861,620	8	(a)	47	12,876	13	(a)	55	18,806	5	(a)	50	8,184
1884..	70	213	1,899	1,067,270	7	199	205	95,967	15	270	1,435	830,326	5	210	47	12,876	8	187	61	10,280	6	228	68	10,205
1885..	68	212	1,879	1,012,723	7	148	286	69,921	17	203	1,312	720,153	5	180	52	10,123	5	237	48	8,349	7	200	46	7,952
1886..	87	(a)	1,018,149	(a)	10	518	19	10,518	17	(a)	1,639	730,391	6	168	121	22,686	5	(a)	(a)	8,302	7	(a)	(a)	8,810
1887..	73	104	2,189	1,184,579	10	135	127	32,550	18	210	1,639	764,970	6	168	121	34,403	4	279	61	12,491	9	160	48	7,943
1888..	88	185	2,047	1,198,100	9	140	139	35,496	18	233	1,768	846,012	6	168	121	16,243	4	262	64	15,028	4	191	31	7,010
1889..	86	185	2,047	1,198,100	9	140	139	35,496	18	233	1,768	846,012	6	168	121	16,243	4	262	64	15,028	4	191	31	7,010
1890..	75	198	1,825	1,352,878	18	96	155	45,845	18	233	1,768	846,012	6	168	121	21,836	11	192	71	20,022	8	172	54	18,023
1891..	67	230	2,021	1,595,839	15	197	177	54,269	19	228	1,640	1,051,604	6	175	93	20,122	7	211	58	14,755	5	210	43	14,197
1892..	66	243	2,061	1,595,839	15	197	177	54,269	19	228	1,640	1,051,604	6	175	93	20,122	7	211	58	14,755	5	210	43	14,197
1893..	64	232	2,032	1,338,870	7	189	133	36,436	20	225	1,765	1,091,014	5	169	61	16,792	7	159	59	17,506	6	218	54	15,665
1894..	60	204	2,021	1,623,684	5	98	103	36,913	25	176	2,060	1,410,346	10	100	72	13,828	8	188	68	17,025	12	149	142	26,450
1895..	57	202	2,050	1,479,106	6	181	132	45,202	25	180	2,052	1,318,092	11	130	69	12,600	8	188	68	17,025	12	149	142	26,450
1896..	67	205	2,030	1,711,323	16	124	141	46,405	26	188	2,052	1,318,092	11	130	69	12,600	8	188	68	17,025	12	149	142	26,450
1897..	63	213	1,910	1,718,194	16	93	127	51,689	26	194	2,043	1,838,853	11	150	38	7,841	7	1915	6	160	15	110	188	35,297
1898..	65	192	2,169	1,600,752	15	79	144	100,008	25	188	2,043	1,838,853	11	150	38	7,841	7	1915	6	160	15	110	188	35,297
1899..	65	202	2,125	1,849,474	18	101	173	94,148	26	210	2,507	2,083,572	11	199	43	11,132	4	222	53	20,617	7	205	173	105,765
1900..	65	208	2,465	2,253,883	16	115	222	148,060	28	223	3,164	2,519,911	17	200	66	13,100	9	134	64	26,149	8	175	173	105,765
1901..	67	228	2,805	2,518,847	15	103	231	448,701	30	204	3,700	2,919,223	18	134	63	14,690	11	141	72	27,486	8	159	212	116,100
1902..	70	210	3,128	2,578,553	16	110	279	224,014	30	218	4,318	3,672,987	15	132	69	18,240	13	137	74	23,937	8	200	218	116,100
1903..	69	218	3,172	3,134,679	16	163	455	354,172	34	214	5,730	4,516,538	15	150	68	18,400	15	198	81	24,652	11	190	297	132,413
1904..	69	206	3,681	3,418,469	17	165	378	299,720	34	214	5,730	4,516,538	15	150	68	18,400	15	198	81	24,652	11	190	297	132,413
1905..	74	175	4,073	3,998,032	9	141	418	327,262	36	187	5,885	4,395,050	18	140	77	16,332	14	157	72	14,876	12	250	285	121,212
1906..	83	189	4,479	1,68,019	22	110	1,008	601,979	40	137	6,294	4,155,431	14	170	77	16,332	8	203	45	19,938	11	202	365	126,664
1907..	79	180	5,125	1,435,070	26	188	450	2,482,677	38	191	6,347	4,876,621	11	152	37	17,222	9	175	69	21,364	11	154	331	143,308
1908..	77	167	5,078	1,413,639	26	188	450	2,482,677	38	191	6,347	4,876,621	11	152	37	17,222	9	175	69	21,364	11	154	331	143,308
1909..	66	160	4,634	1,409,362	25	152	4,077	798,527	37	181	6,553	5,082,626	13	130	49	11,835	11	173	89	13,262	9	203	434	165,289
1910..	72	183	4,354	1,484,555	28	137	4,110	1,062,098	36	171	6,995	5,153,322	13	146	40	12,582	10	171	43	5,757	9	203	434	165,289
1911..	72	183	4,354	1,484,555	28	137	4,110	1,062,098	36	171	6,995	5,153,322	13	146	40	12,582	10	171	43	5,757	9	203	434	165,289
1912..	75	133	5,856	5,156,548	32	125	914	232,736	36	166	7,347	4,716,406	4	225	5	1,892	11	163	31	5,553	8	189	327	92,281
1913..	65	169	5,707	4,40,212	28	172	4,447	519,936	34	173	7,080	5,789,446	4	129	10	2,736	11	171	15	3,760	8	193	275	128,544
1914..	56	163	7,544	1,116,771	34	142	4,893	3,875,511	33	165	7,204	5,804,239	4	155	24	6,198	5	154	11	2,654	7	175	371	128,544
1915..	52	157	3,950	3,12,693	34	123	4,189	863,030	29	172	6,954	5,438,618	30	124	56	14,049	7	123	20	2,860	5	155	381	205,348
1916..	54	161	4,073	3,015,650	39	136	4,817	530,932	29	172	6,954	5,438,618	30	124	56	14,049	7	123	20	2,860	5	155	381	205,348
1917..	63	193	3,608	7,55,650	39	136	4,817	530,932	29	172	6,954	5,438,618	30	124	56	14,049	7	123	20	2,860	5	155	381	205,348
1918..	68	213	3,608	7,55,650	39	136	4,817	530,932	29	172	6,954	5,438,618	30	124	56	14,049	7	123	20	2,860	5	155	381	205,348
1919..	71	165	7,146	1,305,987	38	150	6,298	1,631,320	32	225	7,977	6,663,877	25	126	64	19,432	8	151	31	4,271	6	183	214	198,149
1920..	70	154	6,465	280,768	38	149	5,997	1,539,858	32	201	7,488	6,444,049	28	125	58	17,625	8	154	19	3,048	3	229	149	60,317
1921..	71	159	7,153	6,44,922	31	150	6,024	1,278,956	34	188	8,505	6,952,126	37	103	73	17,574	8	138	14	2,324	5	188	145	88,095
1922..	66	126	7,004	1,725,654	66	130	5,901	1,009,904	31	154	8,465	5,833,494	43	108	105	30,977	13	148	35	6,073	6	129	164	67,740

TABLE 18—Continued

Year	Stark				Tazewell				Vermilion				Warren				Washington				White			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882	11	(a)	50	22,143	6	(a)	92	36,177	31	(a)	1,003	343,443	48	(a)	199	23,376	4	(a)	32	4,000				
1883	14	(a)	75	15,340	8	(a)	151	109,372	18	(a)	1,061	416,339	26	(a)	111	15,530	2	(a)	67	45,000				
1884	19	156	77	17,126	8	187	108	33,590	48	198	1,545	620,808	23	150	99	17,224	2	270	90	45,415				
1885b																								
1886	23	147	104	17,198	10	186	149	34,881	48	145	1,092	305,679	23	154	91	13,636	4	238	99	50,072				
1887	(a)	(a)	(a)	17,865				51,847	(a)	(a)	(a)	359,119	(a)	(a)	(a)	(a)	13,810	(a)	(a)	(a)	40,220			
1888	22	159	106	18,690	11	196	167	59,324	55	171	1,281	409,076	24	150	97	15,518	3	222	84	43,600				
1889	23	169	108	19,171	11	205	201	67,973	64	165	1,317	537,411	23	159	84	12,149	4	165	87	36,220				
1890	24	157	100	18,672	11	168	221	81,141	64	165	1,314	704,509	27	150	93	14,095	4	227	75	25,160				
1891	26	166	107	20,157	11	227	246	107,252	74	280	1,904	880,466	24	168	84	12,372	3	290	98	68,200				
1892	26	162	111	22,349	11	224	246	120,156	68	167	1,961	972,589	21	164	78	11,364	3	282	113	62,966				
1893	24	158	130	23,070	10	236	299	128,957	62	173	1,939	996,768	22	147	81	11,876	3	247	117	72,200				
1894	26	167	150	22,625	9	164	241	93,599	54	168	1,836	989,813	23	153	105	11,041	3	175	107	49,835				
1895	24	182	146	22,131	11	192	289	94,106	61	171	2,124	1,177,375	23	145	108	14,191	3	192	111	56,220				
1896	20	142	104	18,085	14	169	275	113,541	50	175	2,422	2,000,623	14	182	49	10,099	4	165	73	33,360				
1897	22	187	91	19,472	12	180	199	86,639	59	174	2,426	1,520,699	16	146	55	12,245	4	165	88	43,808				
1898	23	146	90	21,932	12	159	179	84,507	60	150	2,324	1,520,699	16	146	55	12,245	4	165	88	43,808				
1899	20	185	82	23,997	12	187	214	112,018	52	193	2,824	2,221,867	15	179	52	14,080	4	181	87	34,460				
1900	22	176	84	24,991	15	191	265	120,869	58	189	2,706	2,030,954	17	170	49	15,089	2	175	76	49,259				
1901	21	180	93	26,524	15	204	295	161,609	55	160	4,276	2,003,780	18	172	75	19,600	3	131	96	35,838				
1902	21	180	93	24,799	14	205	376	184,835	59	180	3,096	2,551,638	17	166	62	15,534	3	217	89	32,942				
1903	22	166	138	39,406	16	195	333	185,535	60	200	3,718	2,893,233	19	169	52	13,986	3	240	92	57,956				
1904	16	196	137	61,040	13	215	346	196,611	63	179	3,929	3,114,060	15	185	68	17,454	1	251	33	19,930				
1905	18	171	120	38,431	12	193	358	212,633	59	186	3,517	2,012,835	15	171	58	16,214	2	169	136	68,768				
1906	18	190	121	34,696	12	193	358	216,901	59	192	4,131	3,019,934	15	171	58	14,110	2	189	132	68,768				
1907	11	200	104	25,480	11	202	383	218,435	42	187	3,909	2,659,762	15	123	58	11,446	2	139	126	75,548				
1908	10	157	75	24,444	11	188	416	218,435	39	188	3,207	2,221,634	15	130	61	14,612	3	131	159	48,116				
1909	10	151	79	20,234	9	186	340	197,536	39	188	3,207	2,221,634	15	130	61	14,612	3	131	159	48,116				
1910	6	189	81	28,061	9	207	338	167,186	38	211	3,640	2,033,467	12	153	51	10,670	3	157	105	24,827				
1911	10	181	87	31,730	8	204	292	196,090	44	214	3,995	3,270,380	11	179	46	12,631	2	169	71	20,387				
1912	8	199	82	32,746	8	195	302	239,424	48	184	4,007	3,374,443	12	107	44	8,498	4	297	419	189,883				
1913	7	204	58	21,897	9	213	455	294,390	44	199	4,042	3,501,661	10	128	37	7,643	4	156	381	246,932				
1914	8	191	60	19,645	10	199	519	331,501	35	193	3,521	2,983,591	8	157	29	6,654	4	192	529	517,784				
1915	8	191	60	19,645	10	199	519	331,501	35	193	3,521	2,983,591	8	157	29	6,654	4	192	529	517,784				
1916	10	167	53	13,531	11	179	513	310,082	37	171	2,978	2,698,815	6	144	25	5,908	3	210	579	438,692				
1917	10	158	66	18,257	9	229	510	455,880	33	201	3,252	2,999,419	5	220	23	7,941	4	206	650	606,214				
1918	11	191	54	15,870	13	162	828	554,922	66	194	3,816	3,971,330	5	162	22	3,749	4	234	780	807,509				
1919	11	169	55	14,128	10	227	892	614,188	63	179	3,982	2,999,446	6	148	16	5,749	4	172	685	695,842				
1920	6	192	52	11,932	10	233	998	721,288	57	185	3,482	3,438,946	5	150	15	3,886	4	204	776	667,973				
1921	10	126	54	14,576	10	222	1,018	762,763	73	169	3,936	3,371,737	6	166	23	5,019	4	202	779	850,470				
1922	14	145	57	13,514	9	176	949	669,721	78	152	4,035	3,011,164	7	155	32	6,135	6	109	864	715,742				

TABLE 18—Concluded

Year	Will					Williamson					Woodford					Totals and averages				
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882	8	(a)	1,985	649,400	1	(a)	180	130,382	2	(a)	305	90,000	704	(a)	20,350	9,115,653				
1883	10	(a)	2,180	699,427	1	(a)	207	144,800	2	(a)	321	104,000	637	(a)	23,805	10,016,991				
1884	8	165	1,912	665,657	4	206	273	127,615	2	228	338	129,000	739	204	25,270	10,373,004				
1885	4	187	905	287,512	5	207	221	116,049	2	212	425	121,200	778	185	25,946	11,834,549				
1886	4	(a)	905	284,040	5	(a)	(a)	112,338	2	(a)	(a)	122,445	803	(a)	26,804	10,244,278				
1887	5	(a)	848	347,105	9	151	321	160,664	2	237	360	158,500	831	194	29,410	11,827,978				
1888	6	206	1,356	342,372	9	194	290	202,261	2	232	334	189,600	851	189	30,009	11,597,964				
1889	6	160	1,003	288,131	13	155	245	166,335	2	237	345	129,724	851	175	28,509	12,637,087				
1890	6	209	1,126	253,603	15	181	397	206,452	2	205	404	140,820	898	192	32,950	15,660,187				
1891	5	220	871	113,846	16	158	525	322,486	2	241	397	158,041	833	191	35,776	17,660,974				
1892	3	200	287	81,725	13	200	326	418,426	2	252	443	180,131	779	201	34,374	19,939,144				
1893	3	186	215	20,717	12	175	661	437,157	2	210	498	136,065	822	173	38,442	17,109,224				
1894	3	193	266	38,675	12	159	574	461,475	2	179	511	131,537	844	178	38,607	17,792,424				
1895	3	160	321	86,950	12	153	690	444,406	2	142	456	162,790	853	169	33,788	20,012,727				
1896	3	141	87	25,682	25	103	784	669,480	2	160	438	135,840	881	165	34,931	18,599,299				
1897	3	169	112	40,904	26	120	929	915,108	2	238	442	174,750	889	181	36,978	23,444,445				
1898	3	187	100	32,779	26	138	1,427	1,078,755	2	239	486	196,289	920	183	39,413	25,153,929				
1899	3	193	157	50,932	26	149	1,440	1,333,607	2	239	486	196,289	920	183	39,413	25,153,929				
1900	3	193	157	50,932	26	149	1,440	1,333,607	2	239	486	196,289	920	183	39,413	25,153,929				
1901	3	185	183	59,976	29	149	2,042	1,605,960	2	195	429	1,605,960	915	177	46,040	30,016,180				
1902	3	154	191	51,686	31	200	2,417	2,013,692	1	267	254	107,584	915	177	46,040	30,016,180				
1903	3	171	107	35,616	31	200	2,097	2,711,767	1	213	270	119,679	930	192	49,776	34,950,600				
1904	4	158	281	68,096	37	200	3,504	3,038,466	1	252	335	115,128	932	185	54,773	37,077,897				
1905	6	147	499	128,751	36	190	4,337	3,815,751	2	228	338	118,679	990	167	57,230	37,183,374				
1906	6	136	415	141,959	44	163	5,082	3,927,189	2	219	375	136,574	1,018	177	62,283	38,317,581				
1907	5	206	498	188,338	46	182	5,635	5,266,452	2	259	388	150,743	933	189	66,714	47,798,621				
1908	4	214	464	161,014	47	173	6,329	5,266,452	2	212	420	163,140	922	180	70,841	49,277,452				
1909	5	204	514	182,612	57	166	6,758	5,901,815	2	225	484	184,964	886	177	72,933	49,163,135				
1910	3	207	502	140,583	55	166	7,760	5,908,544	2	208	457	170,235	881	172	74,634	48,717,853				
1911	3	195	500	164,325	50	132	8,601	5,212,749	2	172	408	135,390	845	165	77,410	50,165,103				
1912	3	211	429	179,001	46	152	8,512	7,086,554	2	212	423	183,896	879	160	70,411	57,514,240				
1913	3	195	359	153,301	46	164	9,198	7,709,110	2	225	379	179,493	840	170	79,497	61,846,204				
1914	3	181	369	135,752	42	166	9,206	7,710,740	2	205	391	169,797	779	168	80,035	67,701,692				
1915	3	174	372	128,844	43	150	8,634	7,216,188	2	193	413	165,083	803	162	75,919	63,673,520				
1916	3	160	382	128,844	42	181	8,571	7,904,528	2	213	463	185,083	810	179	80,893	78,983,524				
1917	2	240	195	85,072	44	205	9,204	9,666,302	2	275	285	163,651	966	183	91,370	89,978,775				
1918	2	239	180	77,269	51	195	9,979	11,655,401	2	288	285	123,921	937	160	90,370	75,099,360				
1919	3	197	110	45,331	49	183	10,225	10,452,578	2	249	275	121,306	937	159	88,192	73,920,453				
1920	3	130	118	35,493	56	148	10,805	9,631,386	2	236	222	121,306	938	159	88,192	73,920,453				
1921	3	140	66	11,968	72	144	11,502	10,822,566	2	202	193	104,307	1,035	132	95,733	80,121,948				
1922	1	171	60	18,144	78	116	12,545	8,735,964	2	187	243	104,717	1,133	134	98,681	63,276,827				

TABLE 19—NUMBER OF YEARS THE MINES HAVE BEEN OPERATED IN EACH COUNTY, AND THE AVERAGE NUMBER OF DAYS, MEN AND TONS, ALSO THE TOTAL OUTPUT.

No.	County	Number of years in operation	Average number of days per year	Average number of employees per year	Average output per year in tons	Total output tons
1	Bond.....	37	183	189	121,731	4,504,044
2	Brown.....	18	96	220	1,463	26,339
3	Bureau.....	40	183	2,832	1,100,120	44,004,809
4	Calhoun.....	26	235	16	3,694	96,047
5	Cass.....	34	180	181	50,45	171,520
6	Christian.....	37	186	1,655	1,250,031	46,271,163
7	Clinton.....	40	192	765	671,404	26,858,173
8	Edgar.....	12	126	18	6,384	76,616
9	Franklin.....	19	175	6,604	5,835,355	110,871,742
10	Fulton.....	40	162	2,232	1,257,130	50,286,194
11	Gallatin.....	38	141	139	69,755	2,650,694
12	Greene.....	40	181	41	10,024	400,955
13	Grundy.....	40	195	2,356	853,844	34,153,966
14	Hamilton.....	16	58	7	14,453	231,247
15	Hancock.....	38	183	32	6,286	238,879
16	Henry.....	46	186	345	113,725	4,548,988
17	Jackson.....	40	148	1,093	733,018	29,320,712
18	Jefferson.....	26	119	46	20,543	534,125
19	Jersey.....	36	180	10	2,705	97,471
20	Johnson.....	34	123	19	6,232	211,892
21	Kankakee.....	28	181	211	669,842	1,875,586
22	Knox.....	40	155	191	43,307	1,892,260
23	LaSalle.....	40	183	3,198	1,346,212	53,848,479
24	Livingston.....	40	196	590	234,525	9,381,017
25	Logan.....	40	211	444	285,555	11,422,189
26	Macon.....	39	215	422	207,545	8,094,263
27	Macoupin.....	40	192	3,462	3,170,081	126,813,248
28	Madison.....	40	186	2,695	2,227,373	91,134,907
29	Marion.....	40	211	941	709,371	28,374,842
30	Marshall.....	40	154	743	289,614	11,584,546
31	McDonough.....	40	136	303	56,353	2,254,125
32	McLean.....	40	244	303	131,688	5,267,507
33	Menard.....	40	191	459	26,860	10,714,385
34	Mercer.....	40	173	656	345,801	13,832,028
35	Montgomery.....	40	198	1,405	1,139,606	45,584,237
36	Moultrie.....	14	206	141	127,385	1,783,392
37	Morgan.....	38	205	17	3,933	149,435
38	Peoria.....	40	168	1,354	834,310	33,372,382
39	Perry.....	40	170	1,812	1,210,829	48,433,144
40	Putnam.....	18	219	966	491,406	8,845,313
41	Randolph.....	40	177	800	585,922	23,436,865
42	Rock Island.....	40	162	183	62,279	2,491,170
43	Saline.....	40	141	2,117	1,383,697	65,347,896
44	Sangamon.....	40	198	4,582	3,501,762	140,070,490
45	Schuyler.....	39	145	62	15,319	597,444
46	Scott.....	40	172	51	13,576	543,046
47	Shelby.....	40	186	200	84,662	3,386,483
48	Stark.....	40	170	90	22,861	914,453
49	St. Clair.....	40	190	3,757	3,071,392	122,855,688
50	Tazewell.....	40	194	386	224,653	8,986,112
51	Vermilion.....	40	180	2,886	2,038,502	81,540,067
52	Warren.....	40	158	63	12,018	480,742
53	Washington.....	40	197	245	196,529	7,861,173
54	White.....	18	175	80	59,544	1,071,783
55	Will.....	40	185	511	160,454	6,418,075
56	Williamson.....	40	166	4,436	3,755,208	150,208,338
57	Woodford.....	40	219	376	146,563	5,862,516

Note—Wabash County produced 400 tons, 1921.
Wabash County produced 500 tons, 1922.

TABLE 20—SHIPPING OR COMMERCIAL COLLIERIES.—DISTRIBUTION OF OUTPUT FOR YEAR 1922.—BY DISTRICTS AND COUNTIES

District and counties	Number of mines	Disposition of output—tons						
		Total output all grades tons	Loaded on cars for shipment	Sold to railroad companies and loaded on car	Supplied to locomotives at mine	Sold to local trade	Consumed and wasted at mine	Coal not sold June 30 and lost in preparing
FIRST DISTRICT								
Bureau	5	467,848	60,837	306,243	15,210	27,239	44,063	14,256
Grundy	2	201,792	167,085	.....	.....	9,301	11,472	13,934
LaSalle	6	290,849	173,687	20,850	3,203	80,191	12,628	290
Livingston	2	38,642	10,846	.....	8,980	15,838	2,978	.....
Mercer	2	122,484	31,381	85,610	.....	301	5,192	.....
Putnam	2	179,261	19,305	135,512	1,326	7,086	15,952	80
Shipping mines	19	1,300,876	463,141	548,215	28,719	139,956	92,285	28,560
Local mines	92	388,467	.....	.....	.....	304,006	84,461	.....
The district	111	1,689,343	463,141	548,215	28,719	443,962	176,746	28,560
SECOND DISTRICT								
Marshall	2	193,441	51,811	88,621	29,473	14,920	8,411	205
Peoria	13	951,338	564,038	366,509	.....	8,895	5,404	6,492
Tazewell	6	608,100	87,440	478,042	655	35,856	5,888	219
Woodford	2	104,717	49,926	24,343	3,656	17,753	8,089	950
Shipping mines	23	1,857,596	753,215	957,515	33,784	77,424	27,792	7,866
Local mines	110	340,328	.....	.....	.....	329,313	8,563	2,452
The district	133	2,197,924	753,215	957,515	33,784	406,747	36,355	10,318
THIRD DISTRICT								
Fulton	21	1,211,503	632,946	540,606	.....	16,551	20,018	1,376
Shipping mines .....	.....	.....	.....	.....	.....	.....	.....	.....
Local mines	355	379,565	.....	.....	.....	376,632	2,933	.....
The district	376	1,591,068	632,946	540,606	.....	393,189	22,951	1,376
FOURTH DISTRICT								
Logan	2	332,444	184,280	35,936	21,949	72,634	16,497	1,148
Menard	1	80,362	49,169	24,653	.....	2,797	3,743	.....
Sangamon	26	5,792,067	3,485,025	1,904,325	1,950	281,571	111,547	7,649
Shipping mines	29	6,204,873	3,718,474	1,964,914	23,899	357,002	131,787	8,797
Local mines	31	99,384	.....	.....	.....	95,849	3,535	.....
The district	60	6,304,257	3,718,474	1,964,914	23,899	452,851	135,322	8,797
FIFTH DISTRICT								
Christian	11	2,791,110	2,105,891	499,371	37,374	96,210	37,286	14,978
Mason	3	201,326	37,484	.....	.....	151,035	11,758	1,049
Moultrie	1	152,436	46,620	86,870	.....	8,560	8,216	2,170
Shelby	1	58,147	42,677	.....	.....	10,337	4,800	333
Vermilion	15	2,766,409	1,385,583	1,296,962	.....	38,499	44,827	538
Shipping mines	31	5,969,428	3,618,255	1,883,203	37,374	304,641	106,887	19,068
Local mines	68	258,348	.....	.....	.....	209,405	44,943	.....
The district	99	6,223,776	3,618,255	1,883,203	37,374	514,046	151,830	19,068

TABLE 20—Continued

District and counties	Number of mines	Total output all grades tons	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies and loaded on car	Supplied to locomotives at mine	Sold to local trade	Consumed and wasted at mine	Coal not sold June 30 and lost in preparing
SIXTH DISTRICT								
Macoupin.....	15	5,438,324	1,457,764	3,729,710	13,914	71,139	142,244	23,553
Montgomery.....	7	2,078,948	1,174,964	791,084	.....	35,021	48,431	29,448
Shipping mines....	22	7,517,272	2,632,728	4,520,794	13,914	106,160	190,675	53,001
Local mines.....	8	10,724	.....	.....	.....	10,514	210	.....
The district.....	30	7,527,996	2,632,728	4,520,794	13,914	116,674	190,885	53,001
SEVENTH DISTRICT								
Bond.....	1	189,197	138,440	42,380	.....	3,416	4,680	281
Madison.....	17	3,084,848	2,250,149	575,268	818	163,525	92,831	2,257
Marion.....	3	687,732	418,136	207,573	.....	19,780	32,858	9,385
Shipping mines....	21	3,961,777	2,806,725	825,221	818	186,721	130,369	11,923
Local mines.....	9	33,571	.....	.....	.....	31,736	1,835	.....
The district.....	30	3,995,348	2,806,725	825,221	818	218,457	132,204	11,923
EIGHTH DISTRICT								
Clinton.....	5	747,788	559,450	86,366	37,220	18,816	35,976	9,960
St. Clair.....	47	4,557,492	3,323,634	928,105	84,284	85,451	102,977	33,041
Shipping mines....	52	5,305,280	3,883,084	1,014,471	121,504	104,267	138,953	43,001
Local mines.....	19	168,162	.....	.....	.....	161,797	6,365	.....
The district.....	71	5,473,442	3,883,084	1,014,471	121,504	266,064	145,318	43,001
NINTH DISTRICT								
Jackson.....	9	941,002	875,867	1,158	.....	27,319	31,314	5,344
Perry.....	17	2,057,813	1,497,701	399,583	36,302	32,784	79,571	11,872
Randolph.....	10	1,551,295	518,202	943,824	.....	12,067	72,278	4,924
Washington.....	3	711,322	25,440	645,179	15,000	12,235	13,468	.....
Shipping mines....	39	5,261,432	2,917,210	1,989,744	51,302	84,405	196,631	22,140
Local mines.....	39	112,228	.....	.....	.....	109,552	2,676	.....
The district.....	78	5,373,660	2,917,210	1,989,744	51,302	193,957	199,307	22,140
TENTH DISTRICT								
Franklin.....	25	9,999,917	7,014,016	2,062,961	1,087	120,202	298,888	502,763
ELEVENTH DISTRICT								
Gallatin.....	1	62,261	59,485	.....	.....	486	2,290	.....
Saline.....	18	3,993,857	2,870,621	899,290	1,049	65,496	89,263	68,138
White.....	1	81,007	69,870	.....	808	6,812	2,909	608
Shipping mines....	20	4,137,125	2,999,978	899,290	1,857	72,794	94,462	68,746
Local mines.....	19	21,182	.....	.....	.....	20,532	650	.....
The district.....	39	4,158,307	2,999,978	899,290	1,857	93,326	95,112	68,746

TABLE 20—Concluded

District and counties	Num- ber of mines	Total output all grades tons	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies and loaded on car	Supplied to loco- motives at mine	Sold to local trade	Con- sumed and wasted at mine	Coal not sold June 30 and lost in prepar- ing
TWELFTH DISTRICT								
Williamson.....	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541
Shipping mines.....	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541
Local mines.....	31	62,775	.....	.....	.....	62,199	576	.....
The district.....	81	8,741,789	6,701,208	1,557,353	5,180	148,858	222,649	106,541

TABLE 21—DISPOSITION OF THE OUTPUT OF SHIPPING MINES BY DISTRICT

District	Number of mines	Total output all grades Tons	Disposition of output—tons					Coal not sold including loss in preparation
			Shipped from mine	Sold to railroad companies	Supplied to locomotives at mines	Sold to local trade	Consumed and wasted at the mine	
First.....	19	1,300,876	463,141	548,215	28,719	139,956	92,285	28,560
Second.....	23	1,857,596	753,215	957,515	33,784	77,424	27,792	7,866
Third.....	21	1,211,503	632,946	540,606	.....	16,557	20,018	1,376
Fourth.....	29	6,204,873	3,718,474	1,964,914	23,899	357,002	131,787	8,797
Fifth.....	31	5,969,428	3,618,255	1,883,203	37,374	304,641	106,887	19,068
Sixth.....	22	7,517,272	2,632,728	4,520,794	13,914	106,160	190,675	53,001
Seventh.....	21	3,961,777	2,806,725	825,221	818	186,721	130,369	11,923
Eighth.....	52	5,305,280	3,883,084	1,014,471	121,504	104,267	138,953	43,001
Ninth.....	39	5,261,432	2,917,210	1,989,744	51,302	84,405	196,631	22,140
Tenth.....	25	9,999,917	7,014,016	2,062,961	1,087	120,202	298,888	502,763
Eleventh.....	20	4,137,125	2,999,976	899,290	1,857	72,794	94,462	68,746
Twelfth.....	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541
The State, 1922....	352	61,406,093	38,140,978	18,764,287	319,438	1,656,788	1,650,820	873,782
The State, 1921....	389	78,339,082	50,836,570	22,228,449	506,993	1,902,184	2,370,340	494,546

TABLE 22—COUNTIES WHICH HAVE PRODUCED THE COMMERCIAL COAL,
THE TONNAGE DELIVERED TO EACH RAILROAD FOR TRANSPORTATION,
ETC.

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
	The State.....	38,140,978	18,764,287	319,438
1	Franklin.....	7,014,016	2,062,961	1,087
	Chicago, Burlington & Quincy.....	4,068,492	1,316,443	12
	Illinois Central.....	2,007,796	33,914	37
	Chicago & Eastern Illinois.....	689,244	44,651	
	Missouri Pacific.....	248,484	667,040	1,038
	C. W. & I.....		913	
2	Williamson.....	6,701,204	1,557,355	5,180
	Illinois Central.....	2,980,000	229,398	
	Chicago, Burlington & Quincy.....	1,663,333	302,888	
	Missouri Pacific.....	1,010,766	730,678	834
	Chicago & Eastern Illinois.....	733,338	53,141	
	Marion & Eastern.....	313,767	581	4,346
	Cotton Belt.....		240,669	
3	Sangamon.....	3,485,025	1,904,326	1,950
	Chicago & Alton.....	1,636,766	809,958	
	Wabash.....	479,804	185,689	1,950
	Chicago, Peoria & St. Louis.....	315,528	59,409	
	Illinois Traction System.....	268,123	6,700	
	Illinois Central.....	261,241	558,862	
	Baltimore & Ohio.....	213,994	92	
	Cincinnati, Indianapolis & Western.....	181,375	9,227	
	Chicago, Burlington & Quincy.....	64,227	118,498	
	Chicago & North Western.....	63,967	27,830	
	Mobile & Ohio.....		117,434	
	Pennsylvania Line.....		10,627	
4	St. Clair.....	3,323,634	928,105	84,284
	Illinois Central.....	963,527	30,665	39,378
	Louisville & Nashville.....	585,780	1,187	40,776
	St. Louis & O'Fallon.....	525,290	331,508	3,048
	Southern.....	434,042	142,667	
	Penn Line.....	312,594		
	St. Louis & Belleville.....	283,194	351,712	1,082
	Baltimore & Ohio.....	219,207		
	Frisco.....		44,870	
	St. Louis Terminal.....		21,986	
	Wabash.....		2,700	
	J. L. C. & E.....		495	
	R. I.....		180	
	U. R.....		135	
5	Saline.....	2,870,621	899,290	1,049
	Cleveland, Cincinnati, Chicago & St. Louis.....	2,379,558	768,143	
	Illinois Central.....	491,063	131,147	1,049
6	Madison.....	2,250,149	575,268	818
	St. Louis, Troy & Eastern.....	854,972		812
	Litchfield & Madison.....	562,948		
	Cleveland, Cincinnati, Chicago & St. Louis.....	483,281	13,077	
	Chicago & Eastern Illinois.....	146,320	77,764	
	Pennsylvania Lines.....	111,914	26,150	
	Wabash.....	51,768	8,786	6
	Illinois Traction System.....	26,307	102,578	
	Chicago, Peoria & St. Louis.....	12,639	199	
	Illinois Central.....		246,714	

TABLE 22—Continued

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
7	Christian.....	2,105,891	499,371	37,374
	Chicago & Illinois Midland.....	1,670,487	383,713	.....
	Illinois Central.....	338,141	43,038	32,150
	Wabash.....	75,746	47,924	.....
	Cleveland, Cincinnati, Chicago & St. Louis.....	4,996	.....	.....
	Baltimore & Ohio.....	13,356	24,696	5,224
	Chicago & Eastern Illinois.....	3,165	.....	.....
8	Perry.....	1,497,701	399,583	36,302
	Illinois Central.....	1,320,038	185,408	36,302
	Wabash, Chester & Western.....	161,962	5,098	.....
	Mobile & Ohio.....	15,701	209,077	.....
9	Macoupin.....	1,457,764	3,729,710	13,914
	Chicago & Alton.....	625,662	802	685
	Wabash.....	383,775	318,334	.....
	Chicago, Burlington & Quincy.....	191,830	122,397	.....
	Litchfield & Madison.....	169,352	70,880	.....
	Chicago & North Western.....	60,828	2,833,728	.....
	Illinois Traction System.....	26,317	180,208	.....
	Illinois Central.....	.....	203,361	13,229
10	Vermilion.....	1,385,583	1,296,962	.....
	Elgin, Joliet & Eastern.....	876,528	382,329	.....
	Cleveland, Cincinnati, Chicago & St. Louis.....	442,749	449,671	.....
	Wabash.....	46,241	390,302	.....
	Illinois Traction System.....	29,601	70,739	.....
	New York Central.....	1,626	.....	.....
	C. T. H. & S. E.....	8,838	1,732	.....
	C. & E. I.....	.....	2,189	.....
11	Montgomery.....	1,174,964	791,084	.....
	Cleveland, Cincinnati, Chicago & St. Louis.....	591,047	267,286	.....
	Chicago & Eastern Illinois.....	453,470	271,713	.....
	Toledo, St. Louis & Western.....	130,447	252,085	.....
12	Jackson.....	875,867	1,158	.....
	Illinois Central.....	703,310	1,158	.....
	Mobile & Ohio.....	138,092	.....	.....
	Missouri Pacific.....	34,465	.....	.....
13	Fulton.....	632,946	540,606	.....
	Chicago, Burlington & Quincy.....	320,739	106,889	.....
	Minneapolis & St. Louis.....	245,744	258,384	.....
	Toledo, Peoria & Western.....	66,463	320	.....
	Atchison, Topeka & Santa Fe.....	.....	160,139	.....
	Chicago & North Western.....	.....	14,874	.....
14	Clinton.....	559,450	86,366	37,220
	Baltimore & Ohio.....	423,582	19,447	37,220
	Southern.....	135,868	66,919	.....
15	Peoria.....	547,544	366,509	.....
	Minneapolis & St. Louis.....	326,744	97,181	.....
	Peoria Terminal.....	108,128	202,135	.....
	Chicago, Burlington & Quincy.....	72,614	12,683	.....
	Peoria & Pekin Union.....	35,078	54,510	.....
	Toledo, Peoria & Western.....	4,980	.....	.....

TABLE 22—Continued

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
16	Randolph.....	518,202	943,824	.....
	Illinois Central.....	348,433	.....	.....
	Mobile & Ohio.....	88,412	573,066	.....
	Missouri & Illinois.....	81,357	122,271	.....
	Chicago & Great Western.....	.....	248,487	.....
17	Marion.....	418,136	207,573	.....
	Illinois Central.....	407,411	106,848	.....
	Baltimore & Ohio.....	6,848	.....	.....
	Chicago, Burlington & Quincy.....	3,877	100,725	.....
18	Logan.....	184,280	35,936	21,949
	Illinois Central.....	106,617	14,176	21,949
	Chicago & Alton.....	77,663	21,760	.....
19	LaSalle.....	173,687	20,850	3,203
	Chicago, Rock Island & Pacific.....	73,524	.....	.....
	Illinois Central.....	60,965	.....	.....
	Chicago, Burlington & Quincy.....	25,283	.....	3,203
	Chicago, Milwaukee & St. Paul.....	13,674	20,850	.....
	Cleveland, Cincinnati, Chicago & St. Louis.....	241	.....	.....
20	Grundy.....	167,085	.....	.....
	Elgin, Joliet & Eastern.....	159,873	.....	.....
	Atchison, Topeka & Santa Fe.....	5,058	.....	.....
	Chicago & Alton.....	2,154	.....	.....
21	Bond.....	138,440	42,380	.....
	Cleveland, Cincinnati, Chicago & St. Louis.....	138,440	42,380	.....
22	Tazewell.....	87,440	478,042	655
	Peoria & Pekin Union.....	34,650	304,110	.....
	Atchison, Topeka & Santa Fe.....	30,800	173,842	655
	Cleveland, Cincinnati, Chicago & St. Louis.....	21,813	90	.....
	Illinois Traction System.....	177	.....	.....
23	White.....	69,870	.....	808
	Baltimore & Ohio.....	13,698	.....	808
	Cleveland, Cincinnati, Chicago & St. Louis.....	56,172	.....	.....
24	Bureau.....	60,837	306,243	15,210
	Chicago & North Western.....	59,076	185,007	7,285
	Chicago, Milwaukee & St. Paul.....	1,000	121,236	7,925
	Chicago, Burlington & Quincy.....	761	.....	.....
25	Gallatin.....	59,485	.....	.....
	Louisville & Nashville.....	59,485	.....	.....
26	Marshall.....	51,811	88,621	29,473
	Illinois Central.....	25,123	.....	.....
	Chicago & Alton.....	24,086	.....	17
	Atchison, Topeka & Santa Fe.....	2,602	88,621	29,456
27	Woodford.....	49,926	24,343	3,656
	Atchison, Topeka & Santa Fe.....	29,676	24,343	3,656
	Illinois Central.....	20,250	.....	.....
28	Menard.....	49,169	24,653	.....
	Chicago, Peoria & St. Louis.....	49,169	24,653	.....

TABLE 22—Concluded

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
29	Moultrie.....	46,620	86,870	.....
	Wabash.....	32,676	62,348	.....
	Pennsylvania Lines.....	13,944	24,522	.....
30	Shelby.....	42,677	.....	.....
	Illinois Central.....	42,677	.....	.....
37	Macon.....	37,484	.....	.....
	Illinois Central.....	21,999	.....	.....
	Wabash.....	9,205	.....	.....
	Pennsylvania Lines.....	5,264	.....	.....
	Cincinnati, Indianapolis & Western.....	1,016	.....	.....
32	Mercer.....	31,381	85,610	.....
	Rock Island & Southern.....	31,381	85,610	.....
33	Washington.....	25,440	645,179	15,000
	Chicago, Burlington & Quincy.....	12,190	645,179	.....
	Louisville & Nashville.....	12,000	.....	15,000
	Illinois Central.....	1,250	.....	.....
34	Putnam.....	19,305	135,512	1,326
	Chicago, Milwaukee & St. Paul.....	19,305	135,512	1,326
35	Livingston.....	10,846	.....	8,980
	Chicago & Alton.....	8,902	.....	.....
	Illinois Central.....	1,864	.....	.....
	Wabash.....	80	.....	.....
	Toledo, Peoria & Western.....	.....	.....	8,980

Note.—Including 16,494 tons shipped by boat in Peoria County.

TABLE 23—RAILROADS HANDLING THE COMMERCIAL COAL OF THE STATE

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
1	Illinois Central.....	10,101,705	1,884,689	144,094
	Williamson.....	2,980,000	229,398	.....
	Franklin.....	2,007,796	33,914	37
	Perry.....	1,320,038	185,408	36,302
	St. Clair.....	963,527	30,665	39,378
	Jackson.....	703,310	1,158	.....
	Saline.....	491,063	131,147	1,049
	Marion.....	407,411	106,848	.....
	Randolph.....	348,433	.....	.....
	Christian.....	338,141	43,038	32,150
	Sangamon.....	261,241	558,862	.....
	Logan.....	106,617	14,176	21,949
	LaSalle.....	60,965	.....	.....
	Shelby.....	42,677	.....	.....
	Marshall.....	25,123	.....	.....
	Macon.....	21,999	.....	.....
	Woodford.....	20,250	.....	.....
	Livingston.....	1,864	.....	.....
	Washington.....	1,250	.....	.....
	Madison.....	.....	346,714	.....
	Macoupin.....	.....	203,361	13,229
2	Chicago, Burlington & Quincy.....	6,423,346	2,725,702	3,215
	Franklin.....	4,068,492	1,316,443	12
	Williamson.....	1,663,333	302,888	.....
	Fulton.....	320,739	106,889	.....
	Macoupin.....	191,830	122,397	.....
	Peoria.....	72,614	12,683	.....
	Sangamon.....	64,227	118,498	.....
	LaSalle.....	25,283	.....	3,203
	Washington.....	12,190	645,179	.....
	Marion.....	3,877	100,725	.....
	Bureau.....	761	.....	.....
3	Cleveland, Cincinnati, Chicago & St. Louis.....	4,098,297	1,540,657	.....
	Saline.....	2,379,558	768,143	.....
	Montgomery.....	591,047	267,286	.....
	Madison.....	483,281	13,077	.....
	Vermilion.....	422,749	449,671	.....
	Bond.....	138,440	42,380	.....
	White.....	56,172	.....	.....
	Tazewell.....	21,813	90	.....
	Christian.....	4,996	.....	.....
	LaSalle.....	241	.....	.....
4	Chicago & Alton.....	2,375,233	832,520	702
	Sangamon.....	1,636,766	809,958	.....
	Macoupin.....	625,662	802	685
	Logan.....	77,663	21,760	.....
	Marshall.....	24,086	.....	17
	Livingston.....	8,902	.....	.....
	Grundy.....	2,154	.....	.....
5	Chicago & Eastern Illinois.....	2,025,537	449,458	.....
	Williamson.....	733,338	53,141	.....
	Franklin.....	689,244	44,651	.....
	Montgomery.....	453,470	271,713	.....
	Madison.....	146,320	77,764	.....
	Christian.....	3,165	.....	.....
	Vermilion.....	.....	2,189	.....
6	Chicago & Illinois Midland.....	1,670,487	383,713	.....
	Christian.....	1,670,487	383,713	.....

TABLE 23—Continued

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
7	Missouri Pacific.....	1,293,715	1,397,718	1,872
	Williamson.....	1,010,766	730,678	834
	Franklin.....	248,484	567,040	1,038
	Jackson.....	34,465		
8	Wabash R. R.....	1,079,295	1,016,083	1,956
	Sangamon.....	479,804	185,689	1,950
	Macoupin.....	383,775	318,334	
	Christian.....	75,746	47,924	
	Madison.....	51,768	8,786	6
	Vermilion.....	46,241	390,302	
	Moultrie.....	32,676	62,348	
	Macon.....	9,205		
	Livingston.....	80		
	St. Clair.....		2,700	
9	Elgin, Joliet & Eastern.....	1,036,401	382,329	
	Vermilion.....	876,528	382,329	
	Grundy.....	159,873		
10	Baltimore & Ohio.....	890,685	44,235	43,252
	Clinton.....	423,582	19,447	37,220
	St. Clair.....	219,207		
	Sangamon.....	213,994	92	
	White.....	13,698		808
	Christian.....	13,356	24,696	5,224
	Marion.....	6,848		
11	St. Louis, Toledo & Eastern.....	854,972		812
	Madison.....	854,972		812
12	Litchfield & Madison.....	732,300	70,880	
	Madison.....	562,948		
	Macoupin.....	169,352	70,880	
13	Louisville & Nashville.....	657,265	1,187	55,776
	St. Clair.....	585,780	1,187	40,776
	Gallatin.....	59,485		
	Washington.....	12,000		15,000
14	Minneapolis & St. Louis.....	572,488	355,565	
	Peoria.....	326,744	97,181	
	Fulton.....	245,744	258,384	
15	Southern.....	569,910	209,586	
	St. Clair.....	434,042	142,667	
	Clinton.....	135,868	66,919	
16	St. Louis & O'Fallon.....	525,290	331,508	3,048
	St. Clair.....	525,290	331,508	3,048
17	Pennsylvania Lines.....	443,716	61,299	
	St. Clair.....	312,594		
	Madison.....	111,914	26,150	
	Moultrie.....	13,944	24,522	
	Macon.....	5,264		
	Sangamon.....		10,627	

TABLE 23—Continued

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
18	Chicago, Peoria & St. Louis.....	377,336	84,261	.....
	Sangamon.....	315,528	59,40	.....
	Menard.....	49,169	24,653	.....
	Madison.....	12,639	199	.....
19	Illinois Traction System.....	350,525	260,225	.....
	Sangamon.....	268,123	6,700	.....
	Vermilion.....	29,601	70,739	.....
	Macoupin.....	26,317	180,208	.....
	Madison.....	26,307	103,578	.....
	Tazewell.....	177	.....	.....
20	St. Louis & Belleville.....	283,194	351,712	1,082
	St. Clair.....	283,194	351,712	1,082
21	Mobile & Ohio.....	242,205	899,577	.....
	Jackson.....	138,092	.....	.....
	Randolph.....	88,412	573,066	.....
	Perry.....	15,701	209,077	.....
	Sangamon.....	.....	117,434	.....
22	Marion & Eastern.....	313,767	581	4,346
	Williamson.....	313,767	581	4,346
23	Chicago & North Western.....	183,871	3,061,439	7,285
	Sangamon.....	63,967	27,830	.....
	Macoupin.....	60,828	2,833,728	.....
	Bureau.....	59,076	185,007	7,285
	Fulton.....	.....	14,874	.....
24	Cincinnati, Indianapolis & Western.....	182,391	9,227	.....
	Sangamon.....	181,375	9,227	.....
	Macoupin.....	1,016	.....	.....
25	Wabash, Chester & Western.....	161,962	5,098	.....
	Perry.....	161,962	5,098	.....
26	Toledo, St. Louis & Western.....	130,447	252,085	.....
	Montgomery.....	130,447	252,085	.....
27	Peoria Terminal.....	108,128	202,135	.....
	Peoria.....	108,128	202,135	.....
28	Missouri & Illinois.....	81,357	122,271	.....
	Randolph.....	81,357	122,271	.....
29	Chicago, Rock Island & Pacific.....	73,524	180	.....
	LaSalle.....	73,524	.....	.....
	St. Clair.....	.....	180	.....
30	Peoria & Pekin Union.....	69,728	358,620	.....
	Peoria.....	35,078	54,510	.....
	Tazewell.....	34,650	304,110	.....
31	Toledo, Peoria & Western.....	71,443	320	8,980
	Fulton.....	66,463	320	.....
	Peoria.....	4,980	.....	.....
	Livingston.....	.....	.....	8,980

TABLE 23—Concluded

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
32	Atchison, Topeka & Santa Fe.....	68,136	446,945	33,767
	Tazewell.....	30,800	173,842	655
	Woodford.....	29,676	24,343	3,656
	Grundy.....	5,058		
	Marshall.....	2,602	88,621	29,456
	Fulton.....		160,139	
33	Chicago, Milwaukee & St. Paul.....	33,979	277,598	9,251
	Putnam.....	19,305	135,512	1,326
	LaSalle.....	13,674	20,850	
	Bureau.....	1,000	121,236	7,925
34	Rock Island & Southern.....	31,381	85,610	
	Mercer.....	31,381	856,10	
35	C. T. H. & S. E.....	8,838	1,732	
	Vermilion.....	8,838	1,732	
36	New York Central.....	1,626		
	Vermilion.....	1,626		
	C. G. W.....		248,487	
	Randolph.....		248,487	
	Cotton Belt.....		240,669	
	Williamson.....		240,669	
	Frisco.....		44,870	
	St. Clair.....		44,870	
	St. Louis Terminal.....		21,986	
	St. Clair.....		21,986	
	J. L. C. & E.....		495	
	St. Clair.....		495	
	U. P.....		135	
	St. Clair.....		135	
	C. W. & I.....		913	
	Franklin.....		913	

TABLE 24—METHODS OF MINING, MINES, MEN, MACHINES AND TONS—
SHIPPING MINES

Districts	Mines	Machine exclusively			Mines	Hand exclusively			Mines	Both hand and machine		
		Number of				Number of				Number of		
		Men	Machines	Tons		Men	Tons	Men		Machines	Tons	
First.....	3	460	14	130,020	12	2,824	899,337	4	1,288	21	271,519	
Second.....	5	667	31	424,960	10	775	365,986	8	1,883	53	1,066,650	
Third.....	2	232	13	65,831	8	254	137,459	11	1,918	60	1,008,213	
Fourth.....	2	1,305	53	954,271	27	7,848	5,250,602					
Fifth.....	2	2,630	155	2,444,858	15	2,354	1,229,736	8	3,063	60	2,294,834	
Sixth.....	17	8,552	342	6,320,175				5	2,351	94	1,197,097	
Seventh.....	8	3,360	128	2,585,255	4	371	277,399	9	1,976	68	1,099,123	
Eighth.....	10	2,718	124	1,708,388	34	3,900	2,403,752	8	1,462	50	1,193,140	
Ninth.....	16	3,534	151	2,369,561	13	1,350	739,428	10	3,113	81	2,152,443	
Tenth.....	15	7,630	376	4,757,821				10	7,210	289	5,242,096	
Eleventh.....	16	5,575	265	3,716,712	2	119	44,734	2	534	26	375,679	
Twelfth.....	6	1,544	66	861,459	22	3,109	2,174,191	22	7,772	242	5,643,364	
The State.....	108	38,207	1,718	26,339,311	147	22,904	13,522,624	97	32,570	1,044	21,544,158	

TABLE 25—MACHINE MINING, SHIPPING MINES, 1888 TO 1922, NUMBER
OF MINES USING MACHINES, NUMBER OF MACHINES IN USE, TONS OF
COAL MINED AND PERCENTAGES.

Year	Number of mines using machines	Number of machines in use	Tons of coal cut	Percentage of	
				Mines using machines	Product cut
1888.....	39	272	2,243,210	12.5	18.9
1889.....	35	235	2,246,713	10.5	20.2
1890.....	34	266	2,881,983	10.4	22.8
1891.....	34	241	2,423,080	10.4	18.7
1892.....	41	300	3,866,289	13.3	22.7
1893.....	41	310	4,595,130	13.2	23.0
1894.....	40	296	3,412,293	12.5	24.6
1895.....	40	322	3,531,436	12.5	25.1
1896.....	42	307	3,871,410	12.7	19.6
1897.....	43	320	3,946,257	13.9	19.6
1898.....	55	392	3,415,635	16.7	18.4
1899.....	64	440	6,085,312	19.8	26.0
1900.....	67	430	5,583,594	20.7	22.2
1901.....	63	464	5,774,639	19.0	21.7
1902.....	64	464	6,497,123	19.3	21.6
1903.....	68	522	7,646,777	19.3	21.9
1904.....	67	623	7,140,427	17.6	19.3
1905.....	76	784	8,202,066	19.1	22.6
1906.....	85	962	9,563,230	20.3	24.9
1907.....	101	1,105	14,490,454	24.6	30.3
1908.....	105	1,160	15,210,423	25.8	30.8
1909.....	107	1,246	16,407,692	27.9	33.4
1910.....	114	1,289	18,176,254	29.2	37.3
1911.....	126	1,430	19,998,259	32.6	39.9
1912.....	139	1,581	25,550,059	36.6	44.4
1913.....	140	1,689	30,228,520	37.8	48.9
1914.....	141	1,828	31,446,823	41.5	51.8
1915.....	131	1,686	34,037,426	46.8	59.1
1916.....	139	1,817	39,312,376	48.9	61.7
1917.....	151	1,920	47,232,880	46.6	59.8
1918.....	174	2,054	50,027,491	47.0	55.6
1919.....	198	2,123	42,975,907	53.1	57.2
1920.....	208	2,330	45,130,699	55.0	61.5
1921.....	235	2,750	50,243,470	60.4	64.1
1922.....	205	2,762	41,168,621	58.2	67.4

TABLE 26—AVERAGE PRICE PAID PER TON FOR HAND AND MACHINE MINING AT SHIPPING AND LOCAL MINES

District	Hand mining				Machine mining			
	Shipping mines		Local mines		Shipping mines		Local mines	
	Tons	Average price per ton	Tons	Average price per ton	Tons	Average price per ton	Tons	Average price per ton
First.....	1,027,936	\$1.353 <i>a</i>	336,914	\$1.489	272,940	\$1.066	51,553	Day
Second.....	689,776	1.666 <i>b</i>	340,328	1.278	1,167,820	1.07	.....	work
Third.....	530,369	1.15 <i>c</i>	379,565	1.492	681,134	1.08	.....	.....
Fourth.....	5,250,602	1.08	99,384	1.115	954,271	1.01	.....	.....
Fifth.....	2,203,344	1.082 <i>d</i>	244,755	1.08	3,766,084	.99	9,593	Day
Sixth.....	288,644	1.08	10,724	1.40	7,228,628	1.01	.....	work
Seventh.....	583,879	1.06 <i>e</i>	9,571	2.088	3,377,898	1.005	24,000	1.01
Eighth.....	2,850,314	1.08	168,162	1.08	2,454,966	1.01	.....	.....
Ninth.....	1,667,919	1.047 <i>f</i>	112,228	1.292	3,593,513	.984	.....	.....
Tenth.....	739,145	1.04	.....	.....	9,260,771	.97	.....	.....
Eleventh.....	72,144	1.04 <i>g</i>	21,182	1.04	4,064,981	.97	.....	.....
Twelfth.....	44,333,399	1.04 <i>i</i>	62,775	1.04	4,345,615	.97	.....	.....
The State.....	20,237,472	\$1.086	1,785,588	\$1.287	41,168,621	.992	85,146	1.01

a— 63,752 tons paid for by the day.*b*— 52,167 tons paid for by the day.*c*—122,228 tons paid for by the day.*d*— 16,984 tons paid for by the day.*e*— 1,565 tons paid for by the day.*f*— 16,177 tons paid for by the day.*g*— 5,135 tons paid for by the day.*h*—106,623 tons paid for by the day.*i*— 18,751 tons paid for by the day.

TABLE 27—EARNINGS OF MINERS IN SHIPPING MINES—HAND AND MACHINE WORK

Districts	Number of miners	Average days worked	Total earnings for the year	Average annual earnings per man	Average daily earnings per man	Number of miners and machine men	Total earnings for the year	Average annual earnings per man	Average daily earnings per man
First.....	2,565	115	\$ 1,390,455	\$ 542	\$4.71	611	\$ 290,982	\$ 476	\$ 4.14
Second.....	883	152	804,071	911	5.99	1,419	1,249,729	881	5.80
Third.....	711	125	609,924	858	6.86	952	735,625	773	6.18
Fourth.....	5,575	157	5,670,650	1,017	6.48	742	963,814	1,299	8.27
Fifth.....	2,303	129	2,391,946	1,039	8.05	2,772	3,728,160	1,345	10.42
Sixth.....	391	127	311,735	797	6.28	6,373	7,300,914	1,146	9.02
Seventh.....	760	127	619,008	814	6.41	2,951	3,395,748	1,151	9.06
Eighth.....	3,303	111	3,078,339	932	8.40	2,140	2,479,515	1,159	10.44
Ninth.....	1,742	127	1,746,878	1,003	7.90	3,493	3,535,517	1,012	7.97
Tenth.....	689	123	768,712	1,116	9.07	8,343	8,982,948	1,077	8.76
Eleventh.....	84	130	75,030	893	6.87	3,923	3,943,031	1,005	7.73
Twelfth.....	4,070	123	4,395,847	1,080	8.78	3,968	4,215,247	1,062	8.63
The State.....	23,080	127	\$21,862,595	\$ 947	\$ 7.46	37,687	\$10,821,230	\$1,083	\$ 8.53

TABLE 28—EXPLOSIVES USED FOR BLASTING COAL

District	For blasting coal			For other purposes	
	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives	Kegs of powder	Pounds of dynamite
First.....	11,747			7	4,095
Second.....	46,385	25		63	5,144
Third.....	46,352	42,50		23	
Fourth.....	286,877	20,380			244
Fifth.....	92,572	22,227	1,500	266	63,645
Sixth.....	66,920	500		137	15,250
Seventh.....	61,741	567		32	1,095
Eighth.....	158,649	1,690		35	1,445
Ninth.....	90,829		134,775		2,445
Tenth.....	11,295	100	1,586,802	4	3,230
Eleventh.....	18,195		175,250	68	94,595
Twelfth.....	219,607	1,062	439,653	277	18,353
Shipping mines.....	1,111,169	50,801	2,337,980	912	209,541
Local mines.....	73,031				
The State.....	1,184,200	50,801	2,337,980	912	209,541

TABLE 29—NUMBER OF MINING MACHINES, HOW OPERATED, TONS CUT, NUMBER OF MOTORS OPERATED AND TONS HAULED—SHIPPING MINES.

District	Number of mining machines in use	Tons cut	Motors operated by—			
			Electricity		Gasoline	
			Number	Tons hauled	Number	Tons hauled
First.....	35	272,940	12	509,906		
Second.....	84	1,167,820	41	1,612,641		
Third.....	73	681,134	25	1,056,081		
Fourth.....	53	954,271	98	5,460,061		
Fifth.....	215	3,766,084	120	4,998,718	5	189,842
Sixth.....	436	7,228,628	179	7,476,317		
Seventh.....	196	3,377,898	82	3,748,869		
Eighth.....	174	2,454,966	83	4,202,182	9	507,841
Ninth.....	232	3,593,513	121	4,674,616	2	104,242
Tenth.....	665	9,260,771	361	9,999,917		
Eleventh.....	291	4,064,981	79	3,402,158		
Twelfth.....	308	4,345,615	163	7,084,689		
The State.....	2,762	41,168,621	1,364	54,226,155	16	801,925

TABLE 30—HAULAGE IN THE SHIPPING MINES, 1902-1922

Year	By motor		By cable		By horse or mule		By hand		Various	
	Number of mines	Tons	Number of mines	Tons	Number of mines	Tons	Number of mines	Tons	Number of mines	Tons
1902	10	2,258,293	15	2,626,182	288	22,036,531	7	30,329	12	1,873,415
1903	14	3,308,285	21	2,537,895	297	25,511,371	10	60,825	11	2,358,163
1904	14	3,331,420	9	1,205,281	302	24,829,705	18	107,426	37	6,305,685
1905	19	3,602,777	10	1,077,707	316	24,315,544	14	84,186	38	6,876,329
1906	34	6,102,494	15	1,411,490	324	24,371,623	12	75,547	34	5,161,657
1907	75	16,542,575	25	2,864,241	303	26,689,533	5	46,865	3	293,625
1908	88	19,024,665	32	3,273,753	283	25,482,634	4	28,678		
1909	96	21,892,462	16	1,396,154	268	24,645,398	4	24,548		
1910	106	23,204,480	25	2,508,343	251	21,243,637	8	268,741		
1911	137	29,310,173	24	2,321,016	219	16,839,883	7	287,585		
1912	165	37,958,050	4	400,970	210	17,707,993	1	29,682		
1913	185	46,194,737	13	1,173,528	168	13,014,153	5	132,998		
1914	191	47,485,729	6	478,041	139	11,233,532	4	181,880		
1915	173	47,239,554	7	320,062	92	7,947,497	8	665,443		
1916	176	53,140,005	7	675,235	98	8,123,624	3	343,272		
1917	200	67,196,768	5	321,628	113	9,422,285	6	471,373		
1918	240	77,662,619	1	98,209	129	10,545,400				
1919	259	66,686,930	3	143,118	111	6,921,673				
1920	276	66,441,191	2	80,202	95	5,888,217				
1921	280	71,329,567	1	38,481	108	6,971,034				
1922	242	55,028,080			110	6,378,013				

TABLE 31—PERCENTAGE OF HAULAGE IN SHIPPING MINES, 1902-1922

No.	Year	Total number of		Percentage of haulage by—									
				Motor		Cable		Mule		Hand		Various	
		Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons
1	1902	323	28,824,750	3.0	7.8	4.5	9.1	86.8	76.5	2.1	.1	3.6	6.5
2	1903	353	33,676,537	4.0	9.8	5.9	7.5	84.1	75.5	2.9	.2	3.1	7.0
3	1904	380	35,779,517	3.7	9.3	2.4	3.4	79.5	69.4	4.7	.3	9.7	17.6
4	1905	397	35,956,543	4.8	10.0	2.5	3.0	79.7	67.6	3.5	.2	9.6	19.1
5	1906	419	37,122,811	8.1	16.4	3.6	3.8	77.3	65.7	2.9	.2	8.1	13.9
6	1907	411	46,436,839	18.3	35.6	6.1	6.2	73.7	57.5	1.2	.1	.7	.6
7	1908	407	47,809,730	21.6	39.8	7.9	6.8	69.5	53.3	1.0	.1		
8	1909	384	47,958,562	25.0	45.6	4.2	2.9	69.8	51.4	1.0	.1		
9	1910	390	47,225,201	27.2	49.1	6.4	5.3	64.3	45.0	2.1	.6		
10	1911	387	48,758,657	35.4	60.1	6.2	4.8	56.6	34.5	1.8	.6		
11	1912	380	56,096,695	43.4	67.7	1.1	.7	55.3	31.5	.2	.1		
12	1913	371	60,515,416	49.9	76.3	3.5	1.9	45.3	26.6	1.3	.2		
13	1914	340	59,379,182	56.2	80.0	1.8	.8	40.9	18.9	1.1	.3		
14	1915	280	56,172,556	61.8	84.1	2.5	.6	32.9	14.1	2.8	1.2		
15	1916	284	62,283,236	62.0	85.3	2.5	1.1	34.5	13.0	1.0	.6		
16	1917	324	77,412,054	61.7	86.8	1.5	.4	34.9	12.2	1.9	.6		
17	1918	370	88,306,228	64.8	88.0	.3	.1	34.9	11.9				
18	1919	373	73,751,721	69.4	90.4	.8	.2	29.8	9.4				
19	1920	373	72,409,610	74.0	91.8	.5	.1	25.5	8.1				
20	1921	389	78,339,082	72.0	91.1	.2		27.8	8.9				
21	1922	352	61,406,093	68.8	89.6			31.2	10.4				

TABLE 32—PHYSICAL CHARACTERISTICS OF SHIPPING MINES

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
BOND COUNTY								
1	Pocahontas Mining Co., No. 1.....	Shaft, 386..	P. & R...	Hand.	Motor....	St....	6	7.0
BUREAU COUNTY								
1	St. Paul Coal Co., No. 2.....	Shaft, 484..	L. W....	Hand.	Mule....	St....	2	3.6
2	Spring Valley Coal Co., No. 5.....	Shaft, 421..	L. W....	Hand.	M. & M..	St....	2	3.5
3	Spring Valley Coal Co., No. 3.....	Shaft, 457..	L. W....	Hand.	Mule....	St....	2	3.6
4	Spring Valley Coal Co., No. 1.....	Shaft, 339..	L. W....	Both..	M. & M..	St....	2	3.6
5	Illinois Third Vein Coal Co., No. 1..	Shaft, 480..	L. W....	Hand.	M. & M..	St....	2	3.4
CHRISTIAN COUNTY								
1	Assumption Coal Mining Co., No. 1..	Shaft, 1,004.	L. W....	Both..	M. & M..	St....	1	3.6
2	Christian Co. Mining Co.....	Shaft, 365..	P. & R...	Hand.	Mule....	St....	5	7.0
3	Peabody Coal Co., No. 7.....	Shaft, 360..	P. & R...	Mch..	M. & M..	El....	6	7.0
4	Smith-Loehr Coal Mining Co., No. 1..	Shaft, 720..	P. & R...	Hand.	M. & M..	St....	6	7.6
5	Pana Coal Co., No. 2.....	Shaft, 722..	P. & R...	Hand.	M. & M..	St....	6	7.6
6	Pana Coal Co., No. 1.....	Shaft, 718..	P. & R...	Hand.	M. & M..	St....	6	7.6
7	Penwell Coal Mining Co., No. 1.....	Shaft, 735..	P. & R...	Hand.	Motor....	St....	6	7.0
8	Peabody Coal Co., No. 21.....	Shaft, 478..	P. & R...	Mch..	M. & M..	St....	6	7.0
9	Peabody Coal Co., No. 8.....	Shaft, 370..	P. & R...	Mch..	M. & M..	El....	6	6.6
10	Springfield District Coal Co., No. 58.	Shaft, 646..	P. & R...	Mch..	M. & M..	St....	6	9.0
11	Peabody Coal Co., No. 9.....	Shaft, 415..	P. & R...	Mch..	M. & M..	St....	5	7.0
CLINTON COUNTY								
1	Breese-Trenton Mining Co., Becke- meyer.....	Shaft, 400..	P. & R...	Mch..	M. & M..	St....	6	8.0
2	Breese-Trenton Mining Co., East Mine	Shaft, 400..	P. & R...	Mch..	M. & M..	St....	6	7.6
3	Consolidated Coal Co., West Mine....	Shaft, 402..	P. & R...	Hand.	Mule....	St....	6	8.0
4	North Breese Coal & Mining Co., North.....	Shaft, 410..	P. & R...	Both..	M. & M..	St....	6	7.0
5	Southern Coal, Coke & Mining Co., No. 9.....	Shaft, 318..	P. & R...	Both..	M. & M..	St....	6	7.8
FRANKLIN COUNTY								
1	Benton Coal Co., Benton.....	Shaft, 643..	P. & R...	Both..	Motor....	St....	6	7.0
2	Black Star Coal Co., No. 1.....	Shaft, 700..	P. & R...	Hand.	M. & M..	St....	6	6.6
3	By-Products Coal Corp., No. 18.....	Shaft, 510..	P. & R...	Mch..	Motor....	St....	6	9.0
4	Franklin County Mining Co., No. 1..	Shaft, 620..	P. & R...	Mch..	Motor....	St....	6	8.0
5	Southern Gem Coal Corp., No. 2.....	Shaft, 668..	P. & R...	Mch..	M. & M..	St....	6	9.0
6	Old Ben Coal Corp., No. 11.....	Shaft, 600..	P. & R...	Mch..	Motor....	St....	6	12.0
7	Old Ben Coal Corp., No. 16.....	Shaft, 640..	P. & R...	Mch..	Motor....	El....	6	6.0
8	Southern Gem Coal Corp., No. 1.....	Shaft.....	P. & R...	Mch..	M. & M..	El....	6	6.0
9	Valier Coal Co.....	Shaft.....	P. & R...	Mch..	Motor....	El....	6	.....
10	Bell & Zollar Mining Co., No. 1.....	Shaft.....	P. & R...	Mch..	Motor....	El....	6	.....
11	Bell & Zollar Mining Co., No. 2.....	Shaft.....	P. & R...	Mch..	Motor....	El....	6	.....
12	Old Ben Coal Corp., No. 15.....	Shaft.....	P. & R...	Mch..	Motor....	El....	6	.....
13	Franklin Coal & Coke Co., No. 2.....	Shaft.....	P. & R...	Mch..	Motor....	El....	6	.....
14	Western Coal & Mining Co., No. 2.....	Shaft, 152..	P. & R...	Both..	M. & M..	St....	6	10.0
15	Old Ben Coal Corp., No. 19.....	Shaft, 567..	P. & R...	Mch..	M. & M..	St....	6	7.8
16	By-Products Coke Corp., No. 19.....	Shaft, 494..	P. & R...	Mch..	M. & M..	St....	6	8.9
17	Chi., Wilm., & Franklin Coal Co., No. 1	Shaft, 520..	P. & R...	Mch..	Motor....	St....	6	9.0
18	Benton Coal Co., No. 2.....	Shaft, 647..	P. & R...	Both..	M. & M..	St....	6	8.0
19	Franklin Coal & Coke Co., No. 1.....	Shaft, 316..	P. & R...	Both..	M. & M..	St....	6	9.0
20	Old Ben Coal Corp., No. 8.....	Shaft, 472..	P. & R...	Mch..	Motor....	St....	6	10.0
21	Old Ben Coal Corp., No. 9.....	Shaft, 476..	P. & R...	Mch..	Motor....	St....	6	10.0
22	Old Ben Coal Corp., No. 10.....	Shaft, 517..	P. & R...	Mch..	M. & C..	St....	6	9.6
23	Old Ben Coal Corp., No. 12.....	Shaft, 500..	P. & R...	Mch..	Motor....	St....	6	.....
24	Old Ben Coal Corp., No. 14.....	Shaft, 460..	P. & R...	Mch..	Motor....	St....	6	10.0
25	Taylor Mining Co., No. 5.....	Shaft, 331..	P. & R...	Both..	M. & M..	St....	6	10.0
26	United States Fuel Co., Middlefork..	Shaft, 603..	P. & R...	Mch..	Motor....	El....	6	7.6

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
FULTON COUNTY								
1	Alden Coal Co., No. 6	Shaft, 185	P. & R.	Hand.	Mule	St.	5	4.0
2	Alden Coal Co., No. 8	Shaft, 85	P. & R.	Both.	M. & M.	St.	5	4.0
3	Rawalt Coal Co.	Shaft, 60	P. & R.	Hand.	Mule	St.	5	5.0
4	Big 6 Coal Co., No. 1	Drift	P. & R.	Hand.	Mule	Ho.	5	4.6
5	Binzel Coal Co., No. 1	Shaft, 45	P. & R.	Hand.	Mule	St.	5	4.0
6	Canton Coal Co., Drake	Shaft, 160	P. & R.	Both.	Mule	St.	5	4.2
7	Coal Creek Coal Co., No. 1	Drift	P. & R.	Hand.	Mule	El.	5	4.6
8	Cripple Creek Coal Co., Nos. 1 and 2	Drift						
9	Wm. Donaldson Coal Co.	Shaft, 100	P. & R.	Hand.	M. & M.	St.	5	5.0
10	Eclipse Coal Co., No. 1	Shaft, 64	P. & R.	Hand.	Mule	St.	5	6.0
11	McGloughlin Coal Co.	Shaft, 35	P. & R.	Hand.	Mule	St.	5	4.0
12	Maplewood Colliery Co., No. 1	Shaft, 125	P. & R.	Hand.	M. & M.	St.	5	4.0
13	Middleton Coal Co., No. 1	Shaft, 60	P. & R.	Hand.	Mule	El.	5	5.0
14	Monmouth Coal Co., No. 1	Shaft, 150	P. & R.	Hand.	M. & M.	St.	4	4.2
15	National Mining Co., Nat.	Shaft, 100	P. & R.	Hand.	M. & M.	El.	5	4.0
16	G. and L. Coal Co.	Slope, 122	P. & R.	Hand.	Mule	St.	5	5.0
17	Silver Creek Colliery Co., S. C.	Shaft, 50	P. & R.	Both.	M. & M.	El.	5	4.0
18	Simmons Coal Co., No. 1	Shaft, 124	P. & R.	Both.	M. & M.	St.	5	4.6
19	Spoon River Colliery Co., No. 1	Shaft, 45	P. & R.	Hand.	M. & M.	St.	1	3.6
20	Long & Shuler Coal Co., No. 1	Drift	P. & R.	Hand.	Mule	Ho.	5	5.0
21	Robert Gooden Coal Co.	Shaft, 130	P. & R.	Hand.	Mule	St.	5	4.0
GALLATIN COUNTY								
1	Hickory Hill Coal Co.	Slope, 2,500	P. & R.	Mch.	M. & M.	St.	5	4.6
GRUNDY COUNTY								
1	Chi. Wilm. & Franklin Coal Co., No. 3	Shaft, 198	L. W.	Hand.	Mule	St.	2	3.0
2	Wilmington Star Mining Co., No. 7	Shaft, 136	L. W.	Hand.	Mule	St.	2	3.0
JACKSON COUNTY								
1	Consolidated Coal Co., No. 9	Shaft, 114	P. & R.	Mch.	M. & M.	St.	2	3.8
2	Consolidated Coal Co., No. 10	Shaft, 124	P. & R.	Mch.	M. & M.	St.	2	4.8
3	Gartside Coal Co., No. 4	Shaft, 135	P. & R.	Both.	Mule	St.	2	5.6
4	Jackson Coal Co., No. 1	Shaft, 260	P. & R.	Hand.	Mule	St.	6	10.0
5	Midway Coal Mining Co.	Shaft, 87	P. & R.	Hand.	M. & M.	St.	6	9.0
6	Union Col. Co., Kath.	Shaft, 200	P. & R.	Mch.	Motor	El.	6	8.3
7	Western United Gas Coal Co.	Shaft, 120	P. & R.	Both.	Motor	St.	2	3.6
8	Doran Coal Co.	Slope	P. & R.	Hand.	Mule	St.	5	4.0
9	Jackson Peacock Coal Co.	Slope	P. & R.	Hand.	Mule	St.	6	8.0
LASALLE COUNTY								
1	Illinois Zinc Co., No. 3	Shaft, 336	L. W.	Both.	Mule	St.	5	6.0
2	LaSalle County Carbon Coal Co., No. 1	Shaft, 440	L. W.	Hand.	M. & M.	St.	2	3.4
3	LaSalle County Carbon Coal Co. (LaS)	Shaft, 420	L. W.	Both.	M. & M.	St.	2	3.4
4	LaSalle County Carbon Coal Co., Union	Shaft, 550	L. W.	Mch.	M. & M.	El.	2	3.4
5	LaSalle County Carbon Coal Co., No. 5	Shaft, 545	L. W.	Hand.	Mule	St.	2	3.4
6	Seneca Coal Co.	Shaft	L. W.	Hand.	Mule	St.	2	2.3
LIVINGSTON COUNTY								
1	Murphy-Linskey-Kasher, No. 1	Shaft, 210	P. & R.	Both.	Mule	St.	6	4.6
2	Fairbury Coal Co.	Shaft, 155	P. & R.	Hand.	Mule	St.	6	4.6
LOGAN COUNTY								
1	Citizens Coal Mining Co.	Shaft, 266	P. & R.	Hand.	Mule	St.	5	5.8
2	Sangamon Co. Mining Co.	Shaft, 280	P. & R.	Hand.	M. & M.	St.	5	5.2

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
MACON COUNTY								
1	Decatur Coal Co., No. 2.....	Shaft, 600.	L. W.....	Hand	M. & M.	St.....	3 & 5	4.4
2	Macon County Coal Co., No. 1.....	Shaft, 600.	L. W.....	Hand	M. & M.	St.....		4.5
3	Niantic Carbon Coal Co.....	Shaft, 365.	L. W.....	Hand	M. & M.	St.....		4.6
MACOUPIN COUNTY								
1	Consolidated Coal Co., No. 7.....	Shaft, 353.	P. & R.....	Mch.	M. & M.	St.....	6	7.0
2	Consolidated Coal Co., No. 14.....	Shaft, 285.	P. & R.....	Mch.	M. & M.	St.....	6	7.0
3	Consolidated Coal Co., No. 15.....	Shaft, 380.	P. & R.....	Mch.	M. & M.	St.....	6	7.6
4	Royal Colliery Co.....	Shaft, 300.	P. & R.....	Mch.	Motor.....	St.....	6	7.0
5	Illinois Coal & Coke Corp., No. 3.....	Shaft, 327.	P. & R.....	Both.	M. & M.	St.....	6	7.6
6	Illinois Coal & Coke Corp., No. 4.....	Shaft, 325.	P. & R.....	Hand	M. & M.	St.....	6	7.0
7	Madison Coal Corp., No. 5.....	Shaft, 420.	P. & R.....	Mch.	M. & M.	St.....	6	8.0
8	Standard Oil Co., No. 1.....	Shaft, 268.	P. & R.....	Both.	M. & M.	St.....	6	6.5
9	Superior Coal Co., No. 1.....	Shaft, 338.	P. & R.....	Mch.	M. & M.	St.....	6	7.6
10	Superior Coal Co., No. 2.....	Shaft, 321.	P. & R.....	Mch.	M. & M.	St.....	6	7.5
11	Superior Coal Co., No. 3.....	Shaft, 304.	P. & R.....	Mch.	M. & M.	St.....	6	7.5
12	Superior Coal Co., No. 4.....	Shaft, 312.	P. & R.....	Mch.	Motor.....	St.....	6	7.5
13	Bartel Coal Co.....	Shaft, 251.	P. & R.....	Mch.	Mule.....	St.....	6	6.0
14	Standard Oil Co., No. 2.....	Shaft.....	P. & R.....	Mch.	M. & M.	St.....	6	7.0
15	Gillespie Coal Co.....	Shaft, 348.	P. & R.....	Mch.	Mule.....	St.....	6	7.0
MADISON COUNTY								
1	Abbey Coal & Mining Co., No. 1.....	Shaft, 200.	P. & R.....	Hand	Mule.....	St.....	6	6.5
2	Donk Bros. Coal & Coke Co., No. 2.....	Shaft, 220.	P. & R.....	Mch.	M. & M.	St.....	6	8.0
3	Donk Bros. Coal & Coke Co., No. 3.....	Shaft, 287.	P. & R.....	Hand	M. & M.	St.....	6	5.6
4	Edwardsville Coal Co., No. 3.....	Shaft, 220.	P. & R.....	Hand	Mule.....	St.....	6	3.7
5	East Side Coal Co., No. 1.....	Shaft, 135.	P. & R.....	Hand	Mule.....	St.....	6	6.0
6	Lumaghi Coal Co., No. 2.....	Shaft, 197.	P. & R.....	Mch.	M. & M.	St.....	6	8.6
7	Lumaghi Coal Co., No. 3.....	Shaft, 165.	P. & R.....	Hand	M. & M.	St.....	6	7.0
8	Madison Coal Corp., No. 2.....	Shaft, 86.	P. & R.....	Both.	M. & M.	St.....	6	7.0
9	Madison County Mining Co.....	Shaft, 135.	P. & R.....	Mch.	Mule.....	El.....	6	5.6
10	Kerns-Donnewald Coal Co., No. 1.....	Shaft, 270.	P. & R.....	Both.	M. & M.	St.....	6	7.0
11	New Staunton Coal Co., No. 1.....	Shaft, 286.	P. & R.....	Mch.	M. & M.	St.....	6	6.0
12	Mt. Olive & Staunton Coal Co., No. 2.....	Shaft, 317.	P. & R.....	Mch.	M. & M.	St.....	6	6.8
13	Donk Bros. Coal & Coke Co., No. 4.....	Shaft, 198.	P. & R.....	Mch.	M. & M.	St.....	5	5.10
14	Bullock Mining Co.....	Shaft, 165.	P. & R.....	Hand	Mule.....	St.....	6	6.6
15	New Castle Mining Co.....	Shaft, 180.	P. & R.....	Mch.	Mule.....	St.....	6	5.6
16	Jay Coal Co.....	Shaft, 70.	P. & R.....	Both.	Mule.....	St.....	6	5.6
17	Mizer Coal Co.....	Shaft, 80.	P. & R.....	Mch.	.....	St.....	6	4.6
MARION COUNTY								
1	Chicago-Sandoval Coal Co., No. 2.....	Shaft, 630.	P. & R.....	Hand	M. & M.	St.....	6	7.6
2	Marion County Coal Co., No. 1.....	Shaft, 600.	P. & R.....	Both.	M. & M.	St.....	6	6.5
3	Odin Coal Co.....	Shaft, 714.	P. & R.....	Mch.	M. & M.	St.....	6	6.6
MARSHALL COUNTY								
1	Toluca Coal Co., No. 1.....	Shaft, 522.	L. W.....	Hand	M. & M.	St.....	2 & 3	2.8
2	Wenona Coal Co.....	Shaft, 540.	L. W.....	Hand	Mule.....	St.....	6	3.6
MENARD COUNTY								
1	Union Fuel Co., No. 4.....	Shaft, 200.	P. & R.....	Hand	Mule.....	St.....	5	6.0
MERCER COUNTY								
1	Alden Coal Co., No. 7.....	Shaft, 92.	P. & R.....	Hand	M. & M.	St.....	1	4.0
2	Coal Valley Mining Co., No. 3.....	Shaft, 70.	P. & R.....	Hand	M. & M.	St.....	1	4.0

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
MONTGOMERY COUNTY								
1	Indiana & Illinois Coal Corp., No. 10	Shaft, 640.	P. & R.	Both.	Motor.	El.	6	8.6
2	Indiana & Illinois Coal Corp., No. 11	Shaft, 487.	P. & R.	Mch.	M. & M.	St.	6	8.0
3	Indiana & Illinois Coal Corp., No. 12	Shaft, 550.	P. & R.	Mch.	Motor.	St.	6	6.0
4	Indiana & Illinois Coal Corp., No. 15	Shaft, 471.	P. & R.	Mch.	Motor.	St.	6	6.0
5	Hillsboro Coal Co., No. 1	Shaft, 450.	P. & R.	Mch.	M. & M.	St.	6	8.0
6	Nokomis Coal Co., No. 1	Shaft, 642.	P. & R.	Mch.	Motor.	St.	6	8.6
7	Shoal Creek Coal Co., No. 1	Shaft, 380.	P. & R.	Mch.	M. & M.	St.	6	7.0
MOULTRIE COUNTY								
1	Lovington Coal Mining Co., No. 1	Shaft, 907.	P. & R.	Hand	M. & M.	St.	7	7.0
PEORIA COUNTY								
1	Clark Coal & Coke Co.	Shaft, 185.	P. & R.	Hand	M. & M.	El.	5	4.0
2	Collier Co-operative Coal Co., No. 1	Shaft, 120.	P. & R.	Hand	M. & M.	St.	5	4.6
3	Crescent Coal Co., No. 1	Drift.	P. & R.	Both.	Motor.	St.	5	4.0
4	Lancaster Coal Co., No. 1	Drift.	P. & R.	Hand	Mule.	St.	5	4.6
5	East Mapleton Coal Co.	Slope, 500.	P. & R.	Hand	Mule.	St.	5	4.6
6	Logan Coal Co.	Shaft, 240.	P. & R.	Mch.	M. & M.	St.	5	4.0
7	M. E. Case Coal Co.	Slope, 1,000.	P. & R.	Both.	M. & M.	St.	5	4.8
8	Newsam Bros. Coal Co., No. 4	Shaft, 147.	P. & R.	Hand	Mule.	St.	5	4.6
9	Central West Coal Co., No. 4	Drift, 2,000.	P. & R.	Hand	M. & M.	St.	5	4.6
10	Wolschlag Co-op. Coal Co.	Slope, 500.	P. & R.	Both.	M. & M.	St.	5	4.2
11	Newsam Bros. Coal Co. No. 5.	Slope.	P. & R.	Both.	M. & M.	St.	5	4.6
12	Newsam Bros. Coal Co., No. 6	Shaft, 52.	P. & R.	Both.	Mule.	El.	5	4.6
13	Silver Creek Coal Co.	Shaft, 50.	P. & R.	Hand	Mule.	St.	5	4.0
PERRY COUNTY								
1	Bailey Bros. Coal Co.	Shaft, 81.	P. & R.	Hand	Mule.	St.	6	5.0
2	Tamaroa Little Muddy Coal Co.	Shaft, 220.	P. & R.	Hand	Mule.	St.	6	5.8
3	Columbia Collieries Co.	Shaft, 292.	P. & R.	Hand	Mule.	St.	6	7.6
4	Equitable C. & C. Co.	Shaft, 425.	P. & R.	Mch.	M. & M.	St.	6	6.10
5	Paradise Coal Co.	Shaft, 365.	P. & R.	Both.	M. & M.	St.	6	10.0
6	Jewel Coal Co., No. 1.	Shaft, 278.	P. & R.	Both.	M. & M.	St.	6	7.0
7	Southern Gem Coal Co., No. 5.	Shaft, 160.	P. & R.	Hand	Mule.	St.	6	7.0
8	Security Coal & Mining Co.	Shaft, 90.	P. & R.	Mch.	M. & M.	St.	6	7.6
9	Southern Gem Coal Corp., No. 10.	Shaft, 110.	P. & R.	Hand	Mule.	St.	6	5.0
10	Victory Colliery Co., No. 1	Shaft, 237.	P. & R.	Hand	Mule.	St.	6	5.9
11	Willis Coal & Mining Co., No. 1.	Shaft, 86.	P. & R.	Mch.	M. & M.	St.	6	6.0
12	Willis Coal & Mining Co., No. 8.	Shaft, 81.	P. & R.	Mch.	M. & M.	St.	6	6.0
13	Southern Gem, No. 7	Shaft, 81.	P. & R.	Hand	Mule.	St.	6	6.0
14	Scott-Smith Coal Co.	Shaft.	P. & R.	Hand	Mule.	St.	6	6.0
15	Victory Coal & Mining Co.	Shaft.	P. & R.	Mch.	M. & M.	St.	6	5.7
16	Jewel Coal Co., No. 2.	Shaft.	P. & R.	Mch.	Mule.	St.	6	6.9
17	Wilson Coal Mining Co.	Shaft, 120.	P. & R.	Hand	Mule.	St.	6	6.0
PUTNAM COUNTY								
1	B. F. Berry Coal Co., No. 1	Shaft, 505.	L. W.	Hand	Mule.	St.	2	3.2
2	St. Paul Coal Co., No. 1	Shaft, 485.	L. W.	Hand	Mule.	St.	2	3.0

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
RANDOLPH COUNTY								
1	Illinois Fuel Co., No. 4.....	Shaft, 80.....	P. & R.....	Mch.....	M. & M.....	St.....	6	6.0
2	Jones Bros. Coal & Mining Co., No. 2.....	Shaft, 200.....	P. & R.....	Hand.....	Motor.....	St.....	6	6.0
3	Madison Coal Corp., Crystal.....	Shaft, 200.....	P. & R.....	Hand.....	Mule.....	St.....	6	6.0
4	Perry Co. Coal Corp.....	Shaft, 180.....	P. & R.....	Hand.....	Mule.....	St.....	6	6.0
5	Moffat Coal Co., No. 1.....	Shaft, 148.....	P. & R.....	Mch.....	Mule.....	St.....	6	6.0
6	Randolph County Coal Co., No. 2.....	Shaft, 330.....	P. & R.....	Hand.....	Mule.....	St.....	6	7.0
7	St. Louis Coal Co.....	Shaft, 196.....	P. & R.....	Hand.....	Mule.....	St.....	6	6.9
8	Willis Coal & Mining Co., No. 6.....	Shaft, 90.....	P. & R.....	Both.....	M. & M.....	St.....	6	6.4
9	Willis Coal & Mining Co., No. 7.....	Shaft, 148.....	P. & R.....	Mch.....	M. & M.....	St.....	6	6.0
10	Willis Coal & Mining Co., No. 9.....	Shaft, 45.....	P. & R.....	Mch.....	Mule.....	St.....	5	4.0
SALINE COUNTY								
1	Dering Coal Co., No. 2.....	Shaft, 456.....	P. & R.....	Mch.....	Motor.....	St.....	5	6.0
2	Southern Counties Coal Co., No. 20.....	Shaft, 465.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.10
3	Saline Gas Coal Co.....	Shaft, 505.....	P. & R.....	Mch.....	Mule.....	St.....	5	4.0
4	O'Gara Coal Co., No. 12.....	Shaft, 422.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.10
5	Harrisburg Colliery Co., No. 1.....	Shaft, 416.....	P. & R.....	Mch.....	M. & C.....	St.....	5	5.6
6	Harrisburg Coal Mining Co.....	Shaft, 200.....	P. & R.....	Mch.....	M. & M.....	El.....	5	5.0
7	Heato Coal Co., No. 1.....	Slope, 45.....	P. & R.....	Hand.....	Mule.....	El.....	5	5.10
8	O'Gara Coal Co., No. 1.....	Shaft, 311.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.8
9	O'Gara Coal Co., No. 3.....	Shaft, 236.....	P. & R.....	Mch.....	M. & M.....	St.....	5	6.0
10	O'Gara Coal Co., No. 8.....	Shaft, 400.....	P. & R.....	Both.....	M. & M.....	St.....	5	4.8
11	O'Gara Coal Co., No. 10.....	Shaft, 426.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.8
12	O'Gara Coal Co., No. 11.....	Shaft, 426.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.10
13	O'Gara Coal Co., No. 14.....	Shaft, 145.....	P. & R.....	Mch.....	M. & M.....	St.....	5	6.0
14	O'Gara Coal Co., No. 15.....	Shaft, 65.....	P. & R.....	Mch.....	M. & M.....	St.....	5	5.0
15	Big Creek Coal Co., No. 2.....	Shaft, 100.....	P. & R.....	Mch.....	M. & M.....	El.....	5	6.0
16	Big Creek Coal Co., No. 3.....	Shaft, 256.....	P. & R.....	Mch.....	Motor.....	St.....	5	6.6
17	Wasson Coal Co., No. 1.....	Shaft, 320.....	P. & R.....	Mch.....	M. & M.....	St.....	5	6.0
18	Wasson Coal Co., No. 2.....	Slope.....	P. & R.....	Mch.....	M. & C.....	El.....	5	4.10
19	Dodds Coal Co., No. 1.....	Shaft, 41.....	P. & R.....	Both.....	Mule.....	St.....	5	5.0
SANGAMON COUNTY								
1	Union Fuel Co., No. 3.....	Shaft, 278.....	P. & R.....	Hand.....	M. & M.....	St.....	5	7.0
2	Bissell Coal Co.....	Shaft, 240.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.6
3	Sangamon Coal Co., No. 3.....	Shaft, 210.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
4	Chicago-Springfield Coal Co.....	Shaft, 230.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
5	Union Fuel Co., No. 5.....	Shaft, 270.....	P. & R.....	Hand.....	Mule.....	St.....	5	6.0
6	Chi., Wilm. & Franklin Coal Co., No. 1.....	Shaft, 300.....	P. & R.....	Mch.....	M. & M.....	St.....	6	6.10
7	Citizens Coal Mining Co. B.....	Shaft, 210.....	P. & R.....	Hand.....	M. & M.....	El.....	5	5.8
8	Dawson Coal Mining Co.....	Shaft, 250.....	P. & R.....	Hand.....	Mule.....	St.....	5	5.0
9	Peerless Coal Co.....	Shaft, 235.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.10
10	Lincoln Park Coal & Brick Co.....	Shaft, 204.....	P. & R.....	Hand.....	Mule.....	St.....	5	5.10
11	Madison Coal Corp., No. 6.....	Shaft, 328.....	P. & R.....	Mch.....	M. & M.....	St.....	6	8.0
12	Illinois Coal & Coke Corp., No. 1.....	Shaft, 230.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.8
13	Panther Creek Mine, Inc. No. 1.....	Shaft, 270.....	P. & R.....	Hand.....	M. & M.....	St.....	6	7.6
14	Peabody Coal Co., No. 6.....	Shaft, 204.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
15	Sangamon Coal Co., No. 2.....	Shaft, 265.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.9
16	Sangamon County Mining Co., Jeff.....	Shaft, 250.....	P. & R.....	Hand.....	M. & M.....	El.....	5	6.0
17	Springfield Co-operative Coal Co.....	Shaft, 250.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
18	Spring Creek Coal Co., No. 1.....	Shaft, 175.....	P. & R.....	Hand.....	M. & W.....	St.....	5	5.8
19	Springfield Dist. C. M. Co. No. 51.....	Shaft, 210.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
20	Springfield Dist. C. M. Co. No. 52.....	Shaft, 233.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.10
21	Springfield Dist. C. M. Co. No. 53.....	Shaft, 245.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.8
22	Springfield Dist. C. M. Co. No. 55.....	Shaft, 247.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.6
23	Springfield Dist. C. M. Co. No. 57.....	Shaft, 227.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.6
24	Union Fuel Co., No. 22.....	Shaft, 230.....	P. & R.....	Hand.....	M. & M.....	El.....	3	6.0
25	West End Coal Co.....	Shaft, 160.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
26	Illinois Coal & Coke Corp., No. 2.....	Shaft.....	P. & R.....	Hand.....	Mule.....	St.....	5	6.0

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
	SHELBY COUNTY							
1	Moweaqua C. M. & Mfg. Co., No. 1.	Shaft, 620.	P. & R.	Mch.	Motor...	St...	5	5.6
	ST. CLAIR COUNTY							
1	Abend Coal Co., Abend.	Shaft, 150.	P. & R.	Hand.	Mule....	St...	6	7.0
2	B. B. Coal Co., B. B.	Shaft, 180.	P. & R.	Hand.	Mule....	El...	6	7.6
3	Columbia Colliery Co., N. F.	Shaft, 125.	P. & R.	Hand.	Mule....	St...	6	6.0
4	Columbia Colliery Co., N. L.	Shaft, 120.	P. & R.	Hand.	M. & M.	St...	6	6.0
5	Columbia Colliery Co., Col.	Shaft, 185.	P. & R.	Both.	M. & M.	St...	6	6.0
6	Columbia Colliery Co., No. 17.	Shaft, 232.		Mch.	M. & M.	St...	6	6.6
7	Egyptian Coal & Mining Co.	Shaft, 196.	P. & R.	Mch.	M. & M.	St...	6	6.6
8	Ell Rich Mining Co.	Shaft, 110.	P. & R.	Hand.	M. & M.	St...	6	5.0
9	Eldnar Coal Co., Eldnar.	Shaft, 110.	P. & R.	Both.	M. & M.	St...	6	7.0
10	L. & N. Coal Co.	Shaft, 110.	P. & R.	Hand.	M. & M.	St...	6	6.6
11	New Marissa Coal Co.	Shaft, 119.	P. & R.	Hand.	M. & M.	St...	6	7.0
12	Glendale Coal Mining Co.	Shaft, 140.	P. & R.	Hand.	Mule....	St...	6	6.0
13	Golden Rule Coal Co.	Shaft, 60.	P. & R.	Hand.	Mule....	St...	6	6.10
14	Groom Coal Co.	Shaft, 100.	P. & R.	Hand.	M. & M.	St...	6	7.0
15	Perry Coal Co., Carbon.	Shaft, 187.	P. & R.	Both.	M. & M.	St...	6	8.0
16	Perry Coal Co., Taylor.	Shaft, 213.	P. & R.	Hand.	Mule....	St...	6	7.6
17	General Coal Co.	Shaft, 130.	P. & R.	Hand.	Mule....	St...	6	6.6
18	Jones Bros. Coal & Mining Co., No. 1.	Shaft, 120.	P. & R.	Hand.	Mule....	St...	6	6.6
19	Kolb Coal Co., No. 1.	Shaft, 160.	P. & R.	Hand.	M. & M.	St...	6	7.9
20	Kolb Coal Co., No. 2.	Shaft, 15.	P. & R.	Hand.	M. & M.	St...	6	7.0
21	Kolb Coal Co., No. 3.	Shaft, 90.	P. & R.	Hand.	M. & M.	St...	6	7.0
22	Perry Coal Co., S. B.	Shaft, 60.	P. & R.	Hand.	Mule....	St...	6	6.0
23	Liberty Coal Mining Co., Liberty.	Shaft, 85.	P. & R.	Both.	Mule....	St...	6	6.0
24	Mulberry Hill Co.	Shaft, 150.	P. & R.	Both.	Mule....	St...	6	7.0
25	New National Coal Co.	Shaft, 55.	P. & R.	Hand.	Mule....	St...	6	6.5
26	Guest Coal Co.	Shaft, 185.	P. & R.	Hand.	Mule....	St...	6	6.6
27	Fallon Coal Co., No. 1.	Shaft, 160.	P. & R.	Hand.	Mule....	St...	6	8.0
28	O. K. Coal Co.	Shaft, 120.	P. & R.	Hand.	Mule....	St...	6	6.6
29	Peoples Coal Co., No. 1.	Shaft, 140.	P. & R.	Hand.	Mule....	St...	6	7.0
30	Perry Coal Company, Pitts.	Shaft, 135.	P. & R.	Hand.	Mule....	St...	6	5.6
31	Premier Coal & Mining Co., No. 1.	Shaft, 200.	P. & R.	Mch.	Mule....	St...	6	4.8
32	Aluminum Ore Co.	Shaft, 50.	P. & R.	Hand.	Mule....	St...	6	1.1
33	Star Coal Co., Star.	Shaft, 80.	P. & R.	Both.	M. & M.	St...	6	9.0
34	Southern Coal, Coke & Mining Co., No. 1.	Shaft, 183.	P. & R.	Hand.	M. & M.	St...	6	6.6
35	Southern Coal, C. & M. Co., No. 6.	Shaft, 180.	P. & R.	Hand.	Mule....	St...	6	6.6
36	Southern Coal, C. & M. Co., No. 7.	Shaft, 130.	P. & R.	Both.	M. & M.	St...	6	7.6
37	Southern Coal, C. & M. Co., No. 8.	Shaft, 114.	P. & R.	Mch.	M. & M.	St...	6	7.6
38	St. Louis & O'Fallon Coal Co., No. 1.	Shaft, 145.	P. & R.	Hand.	M. & M.	St...	6	6.6
39	St. Louis & O'Fallon Coal Co., No. 2.	Shaft, 210.	P. & R.	Mch.	M. & M.	St...	6	6.6
40	Summit Coal Co., Summit.	Shaft, 180.	P. & R.	Hand.	Mule....	St...	6	7.0
41	Perry Coal Co., St. Ellen.	Shaft, 209.	P. & R.	Hand.	M. & M.	St...	6	7.0
42	Suburban Coal & Mining Co.	Shaft, 175.	P. & R.	Hand.	M. & M.	St...	6	6.6
43	Perry Coal Co., Sup.	Shaft, 16.	P. & R.	Both.	Mule....	St...	6	6.0
44	Victoria Coal Co.	Shaft, 65.	P. & R.	Both.	M. & M.	St...	6	6.0
45	Missouri & Illinois Coal Co.	Shaft, 110.	P. & R.	Both.	M. & M.	St...	6	6.6
46	Quality Coal Mining Co.	Shaft.	P. & R.	Hand.	Mule....	St...	6	6.0
47	Aloy Gundlach.	Shaft.	P. & R.	Hand.	Mule....	St...	6	6.0

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
TAZEWELL COUNTY								
1	Groveland Coal Mining Co., No. 2.....	Shaft, 165..	P. & R..	Hand.	Mule.....	El.....	5	4 6
2	Regal Coal Co.....	Shaft, 210..	P. & R..	Hand.	Mule.....	St.....	5	4 8
3	Tazewell Coal Co., No. 1.....	Shaft, 165..	P. & R..	Both.	M. & M..	St.....	5	4 8
4	Ubben Coal Co., Ubben.....	Shaft, 90..	P. & R..	Both.	M. & M..	St.....	5	4 6
5	Lake Erie Mining Co.....	Slope, 400..	P. & R..	Hand.	Mule.....	El.....	5	4 6
6	East Peoria Mining Co.....	Shaft.....	P. & R..	Hand.	Mule.....	St.....	5	4 6
VERMILION COUNTY								
1	Brady Branch Coal Co., No. 1.....	Shaft, 50..	P. & R..	Both.	Mule.....	El.....	7	6 0
2	United Electric Coal Co., No. 1.....	Strip, 38..	Strip.....				7	6 0
3	Chicago Colliery Co., No. 1.....	Shaft, 233..	P. & R..	Hand.	Mule.....	St.....	7	5 6
4	United Electric Coal Co., No. 4.....	Strip.....	Strip.....					
5	Peabody Coal Co., No. 24.....	Shaft, 218..	P. & R..	Both.	M. & M..	St.....	6	6 0
6	Sharon C. & B. Co.....	Shaft, 248..	P. & R..	Hand.	Mule.....	St.....	6	5 6
7	Taylor-English Coal Co., No. 2.....	Shaft, 210..	P. & R..	Both.	Mule.....	St.....	6	6 0
8	United Electric Coal Co., No. 5.....	Strip, 40..	Strip.....					
9	United Electric Coal Co., No. 6.....	Strip.....	Strip.....					
10	United States Fuel Co., Bunsen.....	Shaft, 204..	P. & R..	Hand.	M. & M..	St.....	6	6 0
11	United States Fuel Co., No. 4.....	Shaft, 164..	P. & R..	Hand.	Motor.....	St.....	6	6 0
12	United States Fuel Co., Verm.....	Shaft, 180..	P. & R..	Both.	M. & M..	St.....	6	6 6
13	I. & I. Coal Co.....	Shaft.....	P. & R..	Hand.	Mule.....	St.....	6	6 6
14	Lone Oak Coal Co.....	Slope.....		Hand.	Mule.....	St.....	7	6 0
15	Chicago Coal Co.....	Strip.....					6	
WASHINGTON COUNTY								
1	Centralia Coal Co., No. 5.....	Shaft, 540..	P. & R..	Both.	Motor.....	St.....	6	6 0
2	Kuhn Colliery Co.....	Shaft, 300..	P. & R..	Hand.	Mule.....	St.....	6	5 6
3	Nashville Mining Co., No. 1.....	Shaft, 425..	P. & R..	Hand.	M. & M..	St.....	6	6 0
WHITE COUNTY								
1	White County Mining Co., No. 1.....	Shaft, 640..	P. & R..	Mch.	Mule.....	St.....	7	5 0
WILLIAMSON COUNTY								
1	Consolidated Coal Co., No. 7.....	Shaft, 150..	P. & R..	Hand.	M. & M..	St.....	6	8 6
2	Consolidated Coal Co., No. 8.....	Shaft, 171..	P. & R..	Hand.	M. & M..	St.....	7	9 0
3	Big Muddy Fuel Co., No. 26.....	Shaft, 120..	P. & R..	Hand.	M. & M..	St.....	6	8 0
4	Cameron Coal Co., No. 1.....	Shaft, 250..	P. & R..	Hand.	Mule.....	St.....	6	6 0
5	Watson Coal Co., No. 2.....	Slope, 60..	P. & R..	Hand.	Mule.....	El.....	6	8 0
6	Carterville-Big Muddy Coal Co., John.....	Shaft, 90..	P. & R..	Both.	M. & M..	St.....	7	9 0
7	Chicago-Big Muddy Coal Co., No. 1.....	Shaft, 100..	P. & R..	Hand.	M. & M..	St.....	6	9 0
8	Consolidated Coal Co., Lake Creek.....	Shaft, 320..	P. & R..	Hand.	M. & M..	St.....	6	9 0
9	Chi., Wilm. & Franklin Mining Co., A.....	Shaft, 180..	P. & R..	Both.	M. & M..	St.....	6	9 0
10	Chi., Wilm. & Franklin Mining Co., B.....	Shaft, 246..	P. & R..	Hand.	M. & M..	St.....	6	9 0
11	Duncan Coal Co., Dale.....	Shaft, 100..	P. & R..	Hand.	M. & M..	St.....	6	8 0
12	Ernest Coal Co., No. 1.....	Shaft, 235..	P. & R..	Both.	M. & M..	St.....	6	10 0
13	Federal Coal Co., No. 25.....	Shaft, 100..	P. & R..	Hand.	M. & M..	St.....	7	9 0
14	Hafer Washed Coal Co., No. 3.....	Shaft, 120..	P. & R..	Hand.	Mule.....	St.....	7	8 0
15	Henderson-Wallace, No. 1.....	Shaft, 68..	P. & R..	Mch.	Mule.....	El.....	7	7 0
16	Old Ben Coal Corp., No. 17.....	Shaft, 300..	P. & R..	Hand.	M. & M..	St.....	6	8 0
17	Old Ben Coal Corp., No. 18.....	Shaft, 267..	P. & R..	Both.	M. & M..	St.....	6	11 0
18	Johnston City Washed Coal Co.....	Shaft, 100..	P. & R..	Hand.	M. & M..	St.....	6	6 6
19	Madison Coal Corp., No. 8.....	Shaft, 100..	P. & R..	Hand.	M. & M..	St.....	6	9 0
20	Madison Coal Corp., No. 9.....	Shaft, 110..	P. & R..	Both.	M. & M..	St.....	7	9 0
21	Ernest Coal Co., No. 2.....	Shaft, 212..	P. & R..	Both.	M. & M..	St.....	6	7 0
22	Orchard Coal Co., No. 1.....	Shaft, 250..	P. & R..	Hand.	Mule.....			
23	Peabody Coal Co., No. 3.....	Shaft, 10..	P. & R..	Both.	M. & M..	St.....	7	8 0
24	Freeman Coal Co., No. 3.....	Shaft, 240..	P. & R..	Both.	M. & M..	St.....	7	9 0
25	Pratt Bros., Jeffery.....	Shaft, 160..	P. & R..	Hand.	M. & M..	St.....	6	9 0

TABLE 32—Concluded

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
26	Sincerity Coal Co.....	Shaft, 62...	P. & R...	Hand.	M. & M...	St...	6	9.0
27	Searls Coal Co.....	Shaft, 278...	P. & R...	Both.	M. & M...	St...	6	9.0
28	Sanford Coal Co.....	Shaft.....	P. & R...	Mch.	Mule...	St...	6	5.10
29	Binkley Coal Co.....	Slope.....	P. & R...	Hand.	Mule...	St...	6	6.0
30	Sunrise Coal Co.....	Shaft.....	P. & R...	Hand.	Mule...	St...	6	6.0
31	Madison Coal Corp., No. 12.....	Shaft, 100...	P. & R...	Mch.	Motor...	St...	6	8.0
32	Coal Belt C. Co.....	Strip.....						
33	Watson Coal Co., No. 3.....	Slope.....	P. & R...	Hand.	Mule...	St...	5	4.0
34	Leah Coal Co., No. 1.....	Shaft.....	P. & R...	Hand.	Mule...	St...		3.10
35	Cartersville Black Diamond.....	Shaft.....	P. & R...	Hand.	Mule...	St...	5	4.0
36	Slogo Coal Co., No. 1.....	Shaft.....	P. & R...	Hand.	Mule...	St...	6	7.0
37	Taylor Mining Co., No. 1.....	Shaft, 51...	P. & R...	Hand.	M. & M...	St...	6	7.6
38	Taylor Mining Co., No. 2.....	Shaft, 135...	P. & R...	Hand.	M. & M...	St...	6	8.0
39	Taylor Mining Co., No. 3.....	Shaft, 145...	P. & R...	Hand.	Mule...	St...	6	8.0
40	Sunny Side Mining Co.....	Shaft, 150...	P. & R...	Hand.	M. & M...	St...	7	9.0
41	Scranton & Big Muddy C. M. Co.....	Shaft, 160...	P. & R...	Both.	Mule...	St...	7	7.0
42	West Virginia Coal Co.....	Shaft, 108...	P. & R...	Both.	M. & M...	St...	6	8.0
43	St. Louis Coal & Iron Co.....	Shaft.....	P. & R...	Both.	M. & M...	St...	6	7.0
44	Old Ben Coal Co., No. 20.....	Shaft, 220...	P. & R...	Both.	M. & M...	St...	7	9.0
45	Herrin-Big Muddy Coal Co.....	Shaft.....	P. & R...	Both.	M. & M...	St...	6	7.0
46	Vulcan Coal Co.....	Shaft.....	P. & R...	Hand.	Mule...	St...	6	7.0
47	New Prosperity Coal Co.....	Shaft.....	P. & R...	Hand.	Mule...	St...	6	7.0
48	Cartersville Fuel Co.....	Strip.....					6	7.0
49	Hampton Coal Co., No. 1.....	Strip.....					6	10.6
50	Southern Illinois Coal Co.....	Strip.....					6	8.0
WOODFORD COUNTY								
1	Minonk Coal Co., No. 2.....	Shaft, 553...	L. W....	Hand.	Mule...	St...	2	2.10
2	Roanoke Coal Co., No. 1.....	Shaft, 480...	L. W....	Mch.	Mule...	St...	2	2.8

TABLE 33—FATAL ACCIDENTS, NAME, AGE, NATIVITY, DATE, CAUSE OF DEATH, NAME AND LOCATION OF COLLIERY

Name of person killed	Age	Nativity	Date of death	Cause of death	By whom employed	Postoffice of mine
Albrecht, Wm. F....	43	America....	Oct. 22	Shot explosion....	St. L. & O'F. C. C., No. 2	E. St. Louis
Alleva, Domanick....	38	Italy.....	Aug. 12	Falling clod....	Sangamon C. Co., No. 2	Springfield
Anderson Andrew....	26	America....	Dec. 19	Powder explosion....	Slogo Coal Co.....	Marion
Babka, James.....	45	Poland....	Oct. 25	Pit car.....	Old Ben C. Corp., No. 18	Johnston City
Bardos, Paul.....	48	Hungary....	Nov. 5	Falling coal....	Saline Gas Coal Co....	Harrisburg
Barnes, Harry.....	39	Scotland....	Dec. 14	Falling slate....	Big Muddy C. C., No. 26	Marion
Barnett, G. B.....	61	America....	Nov. 15	Falling coal....	Equitable C. & C. Co....	Duquoin
Batuelle, Camillio....	21	America....	Mar. 11	Pit car.....	Superior Coal Co., No. 4	Gillespie
Baugh, Walter.....	50	America....	Feb. 12	Falling rock....	O'Gara Coal Co., No. 11	Eldorado
Berry, Wm. R.....	44	America....	Feb. 25	Falling clod....	Spoon River Col. Co....	London Mills
Blackburn, Ed.....	32	America....	Aug. 26	Pit car.....	Scranton C. M. Co....	Marion
Brown, Hiram.....	27	America....	Aug. 31	Suffocation.....	Harrisburg C. Co., No. 1	Harco
Brown, Louis.....	40	America....	Apr. 16	Suffocation.....	Acme Coal Co.....	Streator.
Brtva, John.....	26	Poland....	July 2	Pit car.....	C. Wilm. & F.C.C., No. 3	S. Wilmington
Bulkley, Lyman....	18	America....	Aug. 31	Suffocation.....	Harrisburg C. Co. No. 1	Harco
Burnett, Robt.....	21	America....	Dec. 22	Pit car.....	Bell & Zoller M. C., No. 1	Zeigler
Burntucci, Joe.....	54	Italy.....	Feb. 22	Shot explosion....	Spfld. Dist. C. Co., No. 58	Taylorville
Campbell, Jacob....	51	America....	Mar. 13	Falling rock....	U. S. Fuel Co., Verm....	Westville
Carr, Irwin.....	34	America....	Aug. 5	Falling coal....	Ind. & Ill. C. C., No. 11	Hillsboro
Carlisle, Mias.....	40	America....	Sept. 2	R. R. Cars.....	C., W. & F. C. Co., No. 1	Orient
Chadwick, James....	23	America....	Dec. 2	Falling slate....	Superior Coal Co., No. 4	Gillespie
Clayton, Virgil....	30	America....	Jan. 17	Motor.....	Wasson Coal Co., No. 1	Wasson
Cooper, Fred.....	30	England....	Mar. 16	Falling slate....	Bissell Coal Co.....	Springfield
Cramer, Thos.....	35	America....	Feb. 28	Pick handle....	Old Ben C. Corp., No. 9	W. Frankfort
Cruse, Rosch.....	50	America....	Mar. 14	R. R. Cars.....	Chi. & Sandoval C. Co....	Sandoval
Davis, Dan.....	41	America....	Sept. 15	Falling slate....	Marrier & Son.....	Westville
Deright, Dominic....	20	Italy.....	Jan. 16	Pit car.....	Shoal Creek Coal Co....	Panama
Dick, Omer.....	22	America....	Nov. 18	Rock fell down shaft.....	O'Gara Coal Co., No. 11	Eldorado
Domich, Joe.....	54	Slavonia....	Oct. 1	Falling rock....	Old Ben C. Corp., No. 16	Sesser
Donati, Louis.....	28	America....	Dec. 10	Pit car.....	Donk Bros. C.&C. Co. No. 4	Collinsville
Donham, Mike.....	39	America....	Feb. 3	Pit car.....	Benton C. M. Co., No. 1	Benton
Dungin, Thomas....	36	Croatia....	Oct. 31	Shot explosion....	Superior C. Co., No. 4	Gillespie
Durho, Wm.....	65	Germany....	Mar. 3	Falling coal....	Decatur C. Co., No. 2	Decatur
Dutkwise, Alex.....	45	Lithuania....	Mar. 26	Falling slate....	Sangamon C. M. Co....	Springfield
Eggerman, Ernest....	36	America....	Feb. 26	Shot explosion....	Spfld. Dist. C. Co., No. 58	Taylorville
Eggleton, Anton....	34	Italy.....	Dec. 16	Pit car.....	Toluca Coal Co.....	Toluca
Ettinger, Cecil....	20	America....	Jan. 13	Struck by cable....	Peabody C. Co., No. 9	Taylorville
Fahey, James.....	54	America....	Nov. 22	Pell off engine....	Electric C. Co., No. 1	Danville
Favero, John.....	45	Italy.....	Jan. 20	Falling coal....	Peabody C. Co., No. 7	Kincaide
Flanagan, Jermier....	24	America....	July 9	Falling scaffold....	Spfld. D. C. M. Co., No. 52	Riverton
Fontanetta, Joe....	43	Italy.....	Aug. 1	Powder explosion....	Scranton B. M. C. Co....	Marion
Franklin, W. O.....	42	America....	Feb. 14	Falling rock....	Madison C. C., Crystal.	Filden
Gains, Aris.....	46	Greece.....	Oct. 22	Electrocuted....	Old Ben C. Corp., No. 16	Sesser
Gatautis, Joe.....	49	Russia....	Sept. 27	Falling coal....	U. S. Fuel Co., No. 4	Westville
Gerling, Christh....	66	America....	Jan. 10	Pit car.....	Donk Bros. C.&C. Co. No. 3	Troy
Gillespie, Geo.....	52	America....	Jan. 28	Falling coal....	Pocahontas M. Co.....	Pocahontas
Gillhan, Eli.....	30	America....	Sept. 9	Falling rock....	Groveland C. Co., No. 2	Pekin
Gooden, Quincy....	22	America....	Jan. 28	Pit car.....	Consolidated C. Co., No. 7	Herrin
Goodrich, Ernie....	34	America....	Aug. 31	Suffocation.....	Harrisburg C. Co., No. 1	Harco
Gozdek, Costine....	49	Russia....	Jan. 14	Pit car.....	Franklin C.&C. Co., No. 1	Royalton
Grabowski, Henry....	17	America....	Sept. 8	Motor.....	Centralia Coal Co.....	Centralia
Granculouski, Walter.	35	Lithuania....	July 8	Electrocuted....	So. Gem C. Corp., No. 1	W. Frankfort
Grandeolas, Christ..	50	America....	Nov. 15	Falling clod....	Groom Coal Co.....	Belleville
Greulis, Stanley....	19	Lithuania....	Sept. 28	Pit car.....	C., W. & F. C. Co., No. 1	Orient
Hall, Oscar.....	32	America....	Oct. 7	Falling rock....	Freeman Coal Co.....	Herrin
Hall, Riley.....	34	America....	Oct. 13	Falling coal....	Bell & Zoller M. Co., No. 1	Zeigler
Harris, Roscoe....	35	America....	Dec. 24	Motor.....	Benton C. M. Co., No. 1	Benton
Hood, Henry.....	33	America....	Nov. 3	Falling rock....	J. K. Dering C. Co.....	Eldorado
Hofshaur, Valentine.	41	Slavonia....	Jan. 21	Falling rock....	C., W. & F. C. Co., No. 1	Orient
Hewes, Norman....	36	America....	Jan. 31	Falling coal....	Big Muddy C. Co., No. 26	Marion
Hunter, George....	32	England....	Aug. 31	Suffocation.....	Harrisburg Col. Co.....	Harco
Isaac, James.....	22	America....	Aug. 22	Machine.....	Sandford Coal Co.....	Pittsburg
Jeter, Theodore....	52	America....	Oct. 18	Pit car.....	Peabody C. Co., No. 3	Marion
Johnston, Elbert....	33	America....	Nov. 18	Rock fell down shaft.....	O'Gara Coal Co., No. 11	Eldorado
Johnson, Geo. W....	41	America....	July 9	Falling scaffold....	Spfld. Dist. M. Co., No. 52	Riverton
Johnson, Rod.....	36	Canada....	Dec. 22	Falling clod....	Breese Trenton C. Co....	Beckemeyer
Kewalla, Walter....	28	Poland....	Oct. 10	Electrocuted....	C., W. & F. C. Co., No. 1	Orient
Kelly, Homer.....	28	America....	Feb. 18	Falling coal....	Madison C. Corp., No. 8	Dewmaine
Kelly, Lemmie....	21	America....	Feb. 21	Pell down shaft....	Cameron Coal Co.....	Marion
Kirkpatrick, Edson..	24	America....	Feb. 20	Pit car.....	Jewel C. & M. Co., No. 1	Duquoin

TABLE 33—Continued

Name of person killed	Age	Nativity	Date of death	Cause of death	By whom employed	Postoffice of mine
Krainovich, Dan....	25	Austria....	Jan. 6	Falling coal....	Bell & Zoller M. Co., No. 1	Zeigler
Leitard, Louis.....	41	France.....	Mar. 23	Falling rock....	Peabody C. Co., No. 24	Danville
Leseck, Robert.....	38	Austria.....	Jan. 23	Suffocation.....	Spfld. D. C. M. Co., No. 57	Springfield
Linkus, Frank.....	19	America.....	Dec. 16	Shot explosion....	Jones Bros. C. & M. Co., No. 2	Marissa
Luther, John.....	48	America.....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Lyons, Patrick.....	63	Ireland.....	Feb. 26	Falling slate....	Sargam on Co. C. Co., No. 1	Lincoln
McAdams, Joe.....	34	America.....	Dec. 7	Gas explosion....	Smith-Lohr Coal Co., No. 1	Pana
McDaniels, Charles	61	America.....	Dec. 19	Falling slate....	King & Greenwell C. Co., No. 1	Wyoming
McIntosh, William.	52	America.....	Sept. 23	Falling slate....	Donk Bros. C. & C. Co., No. 2	Maryville
Malavolti, Doris...	29	Italy.....	Jan. 4	Electrocuted....	Peabody C. Co., No. 9	Taylorville
Marak B.....	60	Austria.....	Mar. 29	Falling rock....	Shoal Creek C. Co., No. 1	Panama
Marusak, John.....	50	Slavonia....	Mar. 11	Pit car.....	Superior C. Co., No. 1	Gillespie
Masnos, Toney.....	38	Poland.....	Sept. 15	Falling coal....	Old Ben C. Corp., No. 14	Buckner
Melzer, Gus.....	26	Germany....	Feb. 26	Shot explosion....	Spfld. D. C. M. Co., No. 58	Taylorville
Michael, Alex.....	34	America.....	Nov. 15	Pit car.....	Spfld. D. C. M. Co., No. 57	Springfield
Miller, Clemens....	40	Lithuania..	Oct. 28	Falling slate....	Consolidated C. Co., No. 17	Collinsville
Miller, John C.....	29	America.....	Nov. 29	Falling slate....	Consolidated C. Co., No. 7	Staunton
Mills, Samuel.....	30	America.....	Jan. 11	Falling rock....	O'Gara Coal Co., No. 8	Eldorado
Monetti, Chas.....	27	Italy.....	Mar. 1	Shot explosion....	Spfld. D. C. M. Co., No. 58	Taylorville
Moore, Harold.....	21	America.....	Feb. 9	Pit car.....	Benton Coal Co., No. 1	Benton
Morris, George.....	63	America.....	Sept. 26	Hit by valve....	Benton C. M. Co., No. 2	Benton
Morris, John.....	52	Austria.....	Feb. 6	Wheel fell down shaft.....	Wenona Coal Co., No. 1	Wenona
Morris, John.....	26	America.....	Oct. 27	Electrocuted....	Consolidated C. Co., L. C., No. 1	Johnston City
Moss, Charles.....	36	America.....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Mosco, Mike.....	38	America.....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Mosley, Henry.....	22	America.....	Oct. 20	Falling coal....	Paradise C. Co., No. 1	Duquoin
Moslowksi, Geo.....	30	Russia.....	Mar. 9	Falling slate....	Standard Oil Co., No. 1	Carlinville
Oliver, James.....	24	America.....	Nov. 23	Falling slate....	Cameron Coal Co., No. 1	Pittsburg
Palmer, Raymond..	16	America.....	Feb. 25	Falling clod....	Spoon River Col. Co., No. 1	London Mills
Parlich, John.....	43	Austria.....	Mar. 23	Falling rock....	Toluca Coal Co., No. 1	Toluca
Paskavich, Joe Jr..	16	Poland.....	Dec. 13	Motor.....	Valier Coal Co., No. 1	Valier
Parker, Sherman...	33	America.....	Mar. 11	Pit car.....	Old Ben C. Corp., No. 14	Buckner
Perry, Con.....	38	America.....	Oct. 23	Dynamite explosion....	Old Ben C. Corp., No. 18	Johnston City
Phegley, Howard...	35	America.....	Mar. 18	Electrocuted....	U. S. Fuel Co., Mid. Fk., No. 1	Benton
Pich, Andy.....	35	Austria.....	Dec. 7	Falling coal....	Bell & Zoller M. Co., No. 1	Zeigler
Piprek, John.....	37	Poland.....	Oct. 31	Falling coal....	Shoal Creek C. Co., No. 1	Panama
Pisoni, Louis.....	49	Italy.....	Nov. 4	Electrocuted....	C. W. & F. C. Co., No. 1	Herrin
Powell, Chas.....	26	America.....	Dec. 19	Powder explosion..	Slogo Coal Co., No. 1	Marion
Quick, William...	36	America.....	Dec. 13	Falling rock....	L. & C. Coal Co., No. 1	Danville
Ratchliffe, Don...	30	England....	Dec. 28	Powder explosion..	Bissell Coal Co., No. 1	Springfield
Ratchliffe, Fred...	28	England....	Dec. 26	Powder explosion..	Bissell Coal Co., No. 1	Springfield
Rawlins, Wm. P....	23	America.....	July 27	Pit car.....	Big Creek C. (Inc.), No. 3	Harrisburg
Reeder, Herbert...	28	America.....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Reckart, John.....	42	America.....	Nov. 18	Falling coal....	Hillsboro Coal Co., No. 1	Hillsboro
Reimler, Julius...	47	America.....	Dec. 13	R. R. Car.....	Donk Bros. C. & C. Co., No. 1	Collinsville
Rich, Harry.....	35	America.....	Aug. 14	Falling rock....	Old Ben C. Corp., No. 9	W. Frankfort
Richardson, James W.	53	America.....	Aug. 5	R. R. Car.....	Consolidated C. Co., No. 7	Herrin
Riston, Tom.....	2	England....	Sept. 2	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Sadowski, Peter...	52	Lithuania..	Sept. 27	Blood poison....	Superior C. Co., No. 4	Gillespie
Sadomeyer, Joseph.	62	America.....	Feb. 20	Falling rock....	So. C. C. & M. Co., No. 7	Belleville
Savill, William...	41	America.....	Sept. 26	Falling slate....	Acme Coal Co., No. 1	Streator
Schawbb, John.....	41	America.....	Sept. 26	Falling slate....	Glendale C. Co., No. 1	Freeburg
Sewell, Bert.....	21	America.....	July 18	Fell down shaft..	Big Creek C. Co., No. 4	Harrisburg
Shaffer, Matt.....	39	Croatia.....	July 8	Falling slate....	U. S. Fuel Co., (Bunsen), No. 1	Georgetown
Short, Harold.....	23	America.....	Nov. 5	Falling slate....	Willis C. & M. Co., No. 8	Willisville
Skinner, Wm.....	34	America.....	Jan. 4	Falling rock....	Harrisburg Col. Co., No. 1	Harco
Skinner, Josh.....	53	America.....	Aug. 8	Falling clod....	Abbey Coal Corp., No. 1	Collinsville
Slagle Peter W....	59	America.....	Nov. 14	Cage.....	Ill. C. & C. Corp., No. 4	Girard
Smith, John.....	47	America.....	Aug. 31	Falling rock....	O'Gara Coal Co., No. 11	Eldorado
Smith, Roy.....	26	America.....	July 28	Motor.....	C. W. & F. C. Co., No. 1	Orient
Stehonebi, Charles.	46	Russia.....	April 13	Falling coal....	Searle Coal Co., No. 1	Johnston City
Stewart, David....	42	Scotland..	Aug. 31	Suffocation.....	Harrisburg C. Co., No. 1	Harco
Stuebe, Charley...	62	Germany....	Oct. 26	Falling rock....	U. S. Fuel Co., No. 4	Westville
Sullivan, James...	44	America.....	Jan. 23	Falling coal....	St. L. & O'F. C. Co., No. 2	E. St. Louis
Thomas, Frank.....	24	America.....	Oct. 27	Falling rock....	Peabody C. Co., No. 24	Danville
Tippling, George...	21	England....	Feb. 27	Motor.....	Benton C. M. Co., No. 1	Benton
Titus, David.....	52	America.....	Jan. 10	Falling clod....	Consolidated C. Co., No. 17	Collinsville
Tondello, Matt....	33	Italy.....	Oct. 12	Falling clod....	New Staunton C. Co., No. 1	Livingston
Tortino, John.....	38	Italy.....	Oct. 27	Falling coal....	Old Ben C. Corp., No. 17	Johnston City
Trasp, Frank.....	25	Lithuania..	Sept. 26	Motor.....	Old Ben C. Corp., No. 18	Johnston City

TABLE 33—Concluded

Name of person killed	Age	Nativity	Date of death	Cause of death	By whom employed	Postoffice of mine
Tucker, Ora	34	America	Jan. 18	Suffocation	Midway C. & M. Co.	De Soto
Vaughn, Hershel	26	America	Aug. 31	Suffocation	Harrisburg Col. Co.	Harco
Venegonia, Joseph	17	Italy	Feb. 22	Pit car	Consolidated C. Co., No. 10	Murphysboro
Vuckerich, George	29	Serbia	Sept. 12	Gas explosion	Consolidated C. Co., No. 8	Clifford
Waitkus, Alex	47	Lithuania	Sept. 28	Falling coal	Donk Bros. C. & C. Co. No. 2	Maryville
Waller, James	28	England	Sept. 14	Falling rock	U. S. Fuel Co., Mid. Fk.	Benton
Wanless, Mark	26	America	Nov. 29	Falling slate	Big Muddy C. Co., No. 26	Marion
Warwick, George	30	America	Aug. 31	Suffocation	Harrisburg Col. Co., No. 1	Harco
Wieslka, John	32	Slavonia	Nov. 14	Motor	Bell & Zoller M. Co., No. 1	Zeigler
Wilson, J. A.	67	America	Aug. 20	Falling rock	Hickory Hill C. Co.	Equality
Yonkers, John	28	Poland	Apr. 26	Falling clod	Bartels Coal Co.	Carlinville
Zambaldi, Joseph	39	Italy	Sept. 12	Falling rock	Donk Bros. C. & C. Co. No. 2	Troy
Zardo, Augustine	29	Italy	Aug. 3	Falling rock	Peerless Coal Co.	Springfield
Zawichelli, Primo	38	Italy	Dec. 4	Falling rock	Standard Oil, No. 1	Carlinville
Zimmer, Charles E.	26	America	Nov. 21	Falling car lift	U. S. Fuel Co., Bunsen	Westville
Zizich, George	38	Montenegro	Feb. 13	Falling coal	Old Ben C. Corp., No. 11	Christopher

TABLE 34—FATAL ACCIDENTS, LOCATION AND CAUSE

Where accidents occurred and cause of death	Number killed
UNDERGROUND ACCIDENTS.....	147
1. Fall of roof and sides.....	71
(a) At working face.....	28
(b) In room or chamber.....	32
(c) On road, entry or gangway.....	11
2. Mine cars and locomotives.....	29
(a) Switching and spragging.....	1
(b) Coupling cars.....	1
(c) Falling from trip.....	2
(d) Run over by car or locomotive.....	12
(e) Caught between car and rib.....	7
(f) Caught between car and roof.....	4
(g) Runaway car or trip.....	2
3. Gas explosions.....	15
(a) Due to shot.....	2
(b) Due to open light.....	13
4. Explosives.....	17
(a) Drilling out shot.....	2
(b) Firing dead holes.....	3
(c) Blown out shots.....	5
(d) Premature shots.....	2
(e) Miscellaneous.....	5
5. Electricity.....	8
(a) Direct contact with trolley wire.....	3
(b) Contact with machine.....	3
(c) Miscellaneous.....	2
6. Other causes.....	7
(a) Hand tools.....	1
(b) Machinery.....	1
(c) Miscellaneous.....	5
SHAFT ACCIDENTS.....	6
7. Falling down shaft.....	2
8. Struck by cage.....	1
9. Objects falling down shaft.....	3
SURFACE ACCIDENTS.....	6
10. Railway cars and locomotives.....	5
11. Struck by cable.....	1
Total.....	159

TABLE 35—FATAL ACCIDENTS BY DISTRICTS

District	Number				Killed underground					In shaft		On surface			
	Killed	Married	Single	Dependents	Falls of roof and sides	Mine cars and locomotives	Gas explosions	Explosives	Electricity	Other causes	Falling down shaft	Struck by cage	Objects falling down shaft	Railway cars and locomotives	Other causes
First.....	4	4	...	7	1	1	...	...	...	2	...	...	...	...	...
Second.....	6	4	2	15	3	1	...	1	...	2	...	...	1	...	...
Third.....	2	1	1	4	2	...	...	...	...	...	...	...	...	...	...
Fourth.....	11	9	2	22	5	1	...	3	...	2	...	...	...	...	...
Fifth.....	19	15	4	43	10	...	1	4	1	1	...	...	...	1	1
Sixth.....	15	9	6	37	9	3	...	1	1	1	...	1	...	...	...
Seventh.....	10	8	2	27	5	2	...	1	...	...	...	...	...	2	...
Eighth.....	8	8	...	27	7	...	...	1	...	...	...	...	...	...	...
Ninth.....	9	3	6	11	4	3	...	2	...	...	...	...	...	...	...
Tenth.....	27	16	11	57	10	11	...	...	4	1	...	...	...	1	...
Eleventh.....	24	17	7	56	7	2	12	...	...	...	1	...	2	...	...
Twelfth.....	24	15	9	50	8	5	2	4	3	...	1	...	...	1	...
Total.....	159	109	50	356	71	29	15	17	8	7	2	1	3	5	1

TABLE 36—FATAL ACCIDENTS BY OCCUPATIONS

Occupation	Total	Districts											
		1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th
Cager.....	1	...	1	...	...	...	...	...	...	...	...	...	...
Drivers.....	10	1	1	...	1	1	1	...	...	1	1	1	2
Electrician.....	1	...	...	...	...	...	...	...	...	...	...	1	...
Foremen.....	3	1	...	...	...	...	...	...	...	...	2	...	...
Laborers.....	18	...	...	...	2	3	1	3	...	2	3	2	2
Loaders.....	6	...	...	...	...	...	...	...	...	1	4	1	...
Machine helpers.....	3	...	...	...	...	...	...	...	...	...	1	...	2
Machine runners.....	5	...	...	...	...	1	1	...	2	...	1	...	...
Mine examiner.....	1	...	...	...	...	1	...	...	...	...	...	...	...
Miners.....	83	1	4	2	7	9	11	5	6	4	8	15	11
Mine manager.....	2	1	...	...	...	...	...	...	...	...	...	...	1
Motormen.....	2	...	...	...	...	...	...	...	...	...	2	...	...
Shotfirers.....	7	...	...	...	1	4	...	...	...	...	...	...	2
Timbermen.....	5	...	...	...	...	...	...	1	...	...	...	2	2
Trackman.....	1	...	...	...	...	...	...	...	...	...	1	1	...
Trappers.....	2	...	...	...	...	...	...	...	...	1	1	...	...
Trip riders.....	9	...	...	...	...	...	1	1	...	...	4	1	2
Total.....	159	4	6	2	11	19	15	10	8	9	27	24	24

TABLE 37

Districts	Number killed	Number married	Number single	Number dependents	Number injured	Number not returned to work	Days lost by men returned	Average days lost
First.....	4	4	.....	7	198	27	9,354	55
Second.....	6	4	2	15	78	12	3,473	53
Third.....	2	1	1	4	39	5	1,399	41
Fourth.....	11	9	2	22	389	32	19,118	54
Fifth.....	19	15	4	43	269	22	16,109	65
Sixth.....	15	9	6	37	571	55	29,944	58
Seventh.....	10	8	2	27	322	76	13,935	57
Eighth.....	8	8	.....	27	235	40	11,824	60
Ninth.....	9	3	6	11	355	55	17,115	57
Tenth.....	27	16	11	57	678	46	37,247	59
Eleventh.....	24	17	7	56	346	45	18,876	63
Twelfth.....	24	15	9	50	399	54	18,798	54
Total.....	159	109	50	356	3,879	469	197,192	58

TABLE 38—ACCIDENTS BY DISTRICTS, RATIOS AND PROPORTIONS

District	Number killed	Number injured	Number men employed	Tons produced	Number employed to each man		Tons ruined to each man		Ratio of fatal accidents per 1,000 employed	Ratio of non-fatal accidents per 1,000 employed
					Killed	Injured	Killed	Injured		
First.....	1	194	4,572	1,300,876	4,572	24	1300,876	6,706	.2	42.4
Second.....	4	72	3,325	1,857,596	4,831	46	464,399	25,800	1.2	21.7
Third.....	2	38	2,404	1,211,503	1,202	63	605,751	31,882	.8	15.8
Fourth.....	11	389	9,153	6,204,873	832	24	564,078	15,951	1.2	42.5
Fifth.....	11	265	8,047	5,969,428	473	30	351,143	22,526	2.1	32.9
Sixth.....	15	571	10,903	7,517,272	727	19	501,151	13,165	1.4	52.4
Seventh.....	10	322	5,707	3,961,777	571	18	396,178	12,304	1.8	56.4
Eighth.....	8	230	8,080	5,305,280	1,010	35	663,160	23,066	1.0	28.5
Ninth.....	9	355	7,997	5,261,432	889	23	584,604	14,821	1.1	44.4
Tenth.....	27	678	14,840	9,999,917	550	22	370,367	14,749	1.8	45.7
Eleventh.....	24	346	6,228	4,137,125	260	18	172,380	11,957	3.9	55.6
Twelfth.....	24	399	12,425	8,679,014	518	31	361,626	21,752	1.9	32.1
Shipping mines	152	3,859	93,681	61,406,093	616	24	403,987	15,912	1.6	41.2
Local mines...	*7	†20	4,409	1,870,734	630	220	267,248	93,537	1.6	4.5
Total.....	159	3,879	98,090	63,276,827	617	25	397,967	16,313	1.6	39.5

*Three in the first, two in the second and two in the third district.

†Four in the first, six in the second, one in the third, four in the fifth and five in the eighth district.

TABLE 39—NON-FATAL ACCIDENTS—TIME LOST—BY OCCUPATION AND CAUSE

Occupation	Number injured losing 30 or more days	Number not returned to work	Average days lost by men returned	Cause of accident	Number injured losing 30 or more days	Number not returned to work	Average days lost by men returned
Asst. mine managers.	3	1	37	Animals.....	46	3	57
Blacksmiths.....	21	2	65	Boiler explosion....	4		50
Cagers.....	25	4	63	Cage.....	24	3	123
Carpenters.....	10	1	69	Electricity.....	52	6	55
Couplers.....	18	2	62	Falling roof and sides	1,088	143	59
Drivers.....	338	38	57	Fall of person.....	162	19	61
Engineers.....	4		69	Flying particles.....	60	4	63
Firemen.....	10	2	58	Gas explosion.....	18	2	40
Foremen.....	11	2	85	Hand tools.....	110	9	51
Laborers.....	305	44	60	Lifting.....	279	32	59
Loaders.....	1,212	114	60	Machinery.....	18	3	60
Machine men.....	323	40	59	Mining machine.....	144	18	60
Mine examiners.....	4		44	Motors.....	14	1	84
Mine managers.....	4		63	Pit cars.....	963	116	59
Miners.....	1,095	168	54	Powder explosion....	10	1	68
Motormen.....	61	11	57	Railway cars.....	7	1	44
Shot firers.....	14	3	52	Shot explosion.....	20	7	69
Spraggers.....	12	2	66	Struck by objects....	362	34	52
Timbermen.....	104	12	61	Miscellaneous.....	217	29	51
Trackmen.....	80	3	55	Not stated.....	281	38	55
Trappers.....	25	2	51				
Trip riders.....	200	18	55				
Total.....	3,879	469	58		3,879	469	58

TABLE 40—NON-FATAL ACCIDENTS FOR TEN YEARS UNDER COMPULSORY AND ELECTIVE COMPENSATION AND THE AVERAGE BY TEN YEAR PERIODS BEFORE COMPENSATION ACT WAS PASSED

Year	Number injured losing 30 or more days	Total number employed	Total tons mined	Number employed to one man injured	Ratio per 1,000 employees	Number of tons mined to one man injured	Falls of roof and sides	Other causes
1922.....	3,879	98,090	63,276,827	25	39.5	16,313	1,088	2,791
1921.....	4,327	95,763	80,121,948	22	45.2	18,517	1,442	2,885
1920.....	3,571	88,192	73,920,653	25	40.5	20,700	1,017	2,554
1919.....	2,620	90,897	75,099,784	35	28.8	28,664	811	1,809
1918.....	2,161	91,372	89,979,469	42	23.6	41,638	713	1,448
Total five years of compulsory compensation.....	16,558	464,314	382,398,681	28	35.7	23,095	5,071	11,487
1917.....	1,634	80,893	78,983,537	50	20.2	48,338	597	1,037
1916.....	1,305	79,919	63,675,530	58	17.2	48,792	501	804
1915.....	1,013	75,607	57,601,694	75	13.4	56,862	450	563
1914.....	1,071	80,035	60,715,795	75	13.4	56,691	472	599
1913.....	1,025	79,497	61,846,204	78	12.9	60,338	442	583
Total five years of elective compensation.....	6,048	395,951	322,822,760	65	15.3	53,377	2,462	3,586

AVERAGE BY TEN YEAR PERIODS BEFORE COMPENSATION ACT WAS PASSED

Average 1912-1903...	653	66,784	45,016,623	102	9.8	68,917	319	334
Average 1902-1893...	519	38,487	21,850,269	74	13.5	42,076	291	228
Average 1892-1883...	237	28,275	13,690,748	120	8.4	57,864	152	85
Average, 30 years....	470	44,515	26,852,547	96	10.6	57,174	254	216

TABLE 41—SUMMARY BY DISTRICTS, NUMBER OF MINES AND GRADED OUTPUT

Districts	Number of mines	Total tons of coal produced	Tons of different grades					
			Mine run	Lump	Egg	Nut	Pea	Slack
First.....	111	1,689,343	643,872	490,149	307,352	21,930	172,232	53,808
Shipping..	19	1,300,876	374,684	386,533	307,352	21,930	156,569	53,808
Local.....	92	388,467	269,188	103,616	.....	.....	15,663	.....
Second.....	133	2,197,924	1,186,292	549,389	122,995	12,347	301,236	25,667
Shipping..	23	1,857,596	1,000,934	427,118	122,995	8,689	273,745	24,115
Local.....	110	340,328	185,358	122,269	.....	3,658	27,491	1,552
Third.....	376	1,591,068	497,269	342,225	382,897	9,256	287,828	71,593
Shipping..	21	1,211,503	246,667	228,333	371,028	9,256	284,626	71,593
Local.....	355	379,565	250,602	113,892	11,869	.....	3,202	.....
Fourth.....	60	6,304,257	837,333	1,901,706	1,573,127	176,020	1,715,709	100,362
Shipping..	29	6,204,873	816,866	1,846,801	1,573,127	176,020	1,691,697	100,362
Local.....	31	99,384	20,467	54,905	.....	.....	24,012	.....
Fifth.....	99	6,223,776	2,434,440	1,888,305	310,883	193,278	1,348,661	48,209
Shipping..	31	5,969,428	2,200,201	1,874,599	310,883	193,278	1,342,258	48,209
Local.....	68	254,348	234,239	13,706	.....	.....	6,403	.....
Sixth.....	30	7,527,996	1,265,753	3,326,453	886,223	69,137	1,426,931	553,499
Shipping..	22	7,517,272	1,255,992	3,325,490	886,223	69,137	1,426,931	553,499
Local.....	8	10,724	9,761	963	.....	.....	.....	.....
Seventh....	36	3,995,348	710,941	1,304,440	581,434	221,956	989,646	186,931
Shipping..	21	3,961,777	697,677	1,293,440	581,434	220,956	982,339	185,931
Local.....	9	33,571	13,264	11,000	.....	1,000	7,307	1,000
Eighth.....	71	5,473,442	1,410,872	1,766,767	723,642	202,558	1,319,734	49,869
Shipping..	52	5,305,280	1,264,365	1,751,089	717,865	202,558	1,319,534	49,869
Local.....	19	168,162	146,507	15,678	5,777	.....	200	.....
Ninth.....	78	5,373,660	2,017,842	957,842	828,008	326,871	1,213,519	29,578
Shipping..	39	5,261,432	1,944,675	937,672	828,008	326,871	1,194,628	29,578
Local.....	39	112,228	73,167	20,170	.....	.....	18,891	.....
Tenth.....	25	9,999,917	1,552,896	1,433,757	1,757,898	1,463,747	3,405,063	386,556
Shipping..	25	9,999,917	1,552,896	1,443,757	1,757,898	1,463,747	3,405,063	386,556
Eleventh....	39	4,158,307	1,163,447	599,903	740,952	267,273	1,306,453	80,277
Shipping..	20	4,137,125	1,152,552	591,418	740,952	267,273	1,304,653	80,277
Local.....	19	21,182	10,897	8,485	.....	.....	1,800	.....
Twelfth....	81	8,741,789	2,308,180	1,217,181	1,231,131	963,931	2,776,474	244,992
Shipping..	50	8,679,014	2,263,608	1,205,339	1,231,131	963,931	2,770,013	244,992
Local.....	31	62,775	44,572	11,742	.....	.....	6,451	.....
The State..	1,133	63,276,827	16,029,139	15,778,015	9,446,542	3,928,304	16,263,486	1,831,341
Shipping..	352	61,406,093	14,771,117	15,301,589	9,428,896	3,923,646	16,152,056	1,828,789
Local.....	781	1,870,734	1,258,022	476,426	17,646	4,658	111,430	2,552

TABLE 42—SUMMARY BY DISTRICTS, DISPOSITION OF OUTPUT

District and mines	Disposition of output—tons						
	Loaded on cars for shipment	Sold to railroad companies	Supplied to loco-motives	Sold to local trade	Consumed or wasted at mine	Coal not sold including loss in preparing	Tons washed or specially prepared
First.....	463,141	548,212	28,719	443,962	176,746	28,560	121,199
Shipping.....	463,141	548,212	28,719	139,956	92,285	28,560	121,199
Local.....				304,006	84,461		
Second.....	753,215	957,515	33,784	406,737	36,355	10,318	
Shipping.....	753,215	957,515	33,784	77,424	27,792	7,866	
Local.....				329,313	8,563	2,452	
Third.....	632,946	540,606		393,189	22,951	1,376	
Shipping.....	632,946	540,606		16,557	20,018	1,376	
Local.....				376,632	2,933		
Fourth.....	3,718,474	1,964,914	23,899	452,951	135,322	8,797	
Shipping.....	3,718,474	1,964,914	23,899	357,002	131,787	8,797	
Local.....				95,849	3,535		
Fifth.....	3,618,255	1,883,203	37,374	514,046	151,830	19,068	33,103
Shipping.....	3,618,255	1,883,203	37,374	304,641	106,887	19,068	33,103
Local.....				209,405	44,943		
Sixth.....	2,632,728	4,520,794	13,914	116,674	190,885	53,001	438,500
Shipping.....	2,632,728	4,520,794	13,914	106,160	190,675	53,001	438,500
Local.....				10,514	210		
Seventh.....	2,806,725	826,221	818	218,457	132,204	11,923	152,632
Shipping.....	2,806,725	825,221	818	186,721	130,369	11,923	152,632
Local.....				31,736	1,835		
Eighth.....	3,883,084	1,014,471	121,504	266,064	145,318	43,001	
Shipping.....	3,883,084	1,014,471	121,504	104,267	138,953	43,001	
Local.....				161,795	6,365		
Ninth.....	2,917,210	1,989,744	51,302	193,957	199,307	22,140	
Shipping.....	2,917,210	1,989,744	51,302	84,405	196,631	22,140	
Local.....				109,552	2,676		
Tenth.....	7,014,016	2,062,961	1,087	120,202	298,888	502,763	2,720,763
Shipping.....	7,014,016	2,062,961	1,087	120,202	298,888	502,763	2,720,763
Local.....							
Eleventh.....	2,999,976	899,290	1,857	93,326	95,112	68,746	153,951
Shipping.....	2,999,976	899,290	1,857	72,794	94,462	68,746	153,951
Local.....				20,532	650		
Twelfth.....	6,701,208	1,557,353	5,180	148,858	222,649	106,541	728,273
Shipping.....	6,701,208	1,557,353	5,180	86,659	222,073	106,541	728,273
Local.....				62,199	576		
The State.....	38,140,978	18,764,287	319,438	3,368,323	1,807,567	876,234	4,348,421
Shipping.....	38,140,978	18,764,287	319,438	1,656,788	1,650,820	873,782	4,348,421
Local.....				1,711,535	156,747	2,452	

TABLE 43—SUMMARY BY DISTRICTS, HAND AND MACHINE MINING, PRICE PAID PER TON, NUMBER OF MACHINES USED, POWDER, DYNAMITE AND PERMISSIBLE EXPLOSIVES.

Districts	Tons mined by		Average price per ton for—		Number of machines in use	Explosives used for blasting coal		
	Hand	Machine	Hand mining	Machine mining		Kegs of powder	Pounds of dynamite	Pounds of permissible explosives
First.....	1,364,850	324,493	1.38	1.066	38	22,972		
Shipping....	1,027,936	272,940	1.353	1.066	35	11,747		
Local.....	336,914	51,553	1.489	day work	3	11,225		
Second.....	1,030,104	1,167,820	1.199	1.07	84	66,205	25	
Shipping....	689,766	1,167,820	1.166	1.07	84	46,385	25	
Local.....	340,328		1.278			19,819		
Third.....	909,934	681,134	1.262	1.08	73	62,097	4,250	
Shipping....	530,369	681,134	1.15	1.08	73	46,352	4,250	
Local.....	379,565		1.492			15,745		
Fourth.....	5,349,986	954,271	1.081	1.01	53	291,518	20,380	
Shipping....	5,250,602	954,271	1.08	1.01	53	286,877	20,380	
Local.....	99,384		1.115			4,641		
Fifth.....	2,448,099	3,775,677	1.082	0.99	216	99,558	22,227	1,500
Shipping....	2,203,244	3,766,084	1.082	0.99	215	92,572	22,227	1,500
Local.....	244,755	9,593	1.08	day work	1	6,986		
Sixth.....	299,368	7,288,628	1.09	1.01	436	67,291	500	
Shipping....	288,644	7,288,628	1.08	1.01	436	66,920	500	
Local.....	10,724		1.40			371		
Seventh.....	593,450	3,401,898	1.074	1.005	198	61,940	567	
Shipping....	583,879	3,377,898	1.06	1.005	196	61,741	567	
Local.....	9,571	24,000	2.088	1.01	2	199		
Eighth.....	3,018,476	2,454,966	1.08	1.01	174	164,426	1,690	
Shipping....	2,850,314	2,454,966	1.08	1.01	174	158,649	1,690	
Local.....	168,162		1.08			5,777		
Ninth.....	1,780,147	3,593,513	1.061	.984	232	96,058		134,775
Shipping....	1,667,919	3,593,513	1.047	.984	232	90,829		134,775
Local.....	112,228		1.292			5,229		
Tenth.....	739,146	9,260,771	1.04	0.97	665	11,295	100	1,586,802
Shipping....	739,146	9,260,771	1.04	0.97	665	11,295	100	1,586,802
Local.....								
Eleventh.....	93,326	4,064,981	1.04	0.97	291	19,163		175,250
Shipping....	72,144	4,064,981	1.04	.97	291	18,195		175,250
Local.....	21,182		1.04			968		
Twelfth.....	4,396,174	4,345,615	1.04	0.97	308	221,678	1,062	439,653
Shipping....	4,333,399	4,345,615	1.04	.97	308	219,607	1,062	439,653
Local.....	62,775		1.04			2,071		
The State.....	22,023,060	41,253,767	1.10	0.992	2,768	1,184,200	50,801	2,337,980
Shipping....	20,237,472	41,168,621	1.08	.992	2,762	1,111,169	50,801	2,337,980
Local.....	1,785,588	85,146	1.287	1.01	6	73,031		

TABLE 44—SUMMARY BY DISTRICTS—EMPLOYEES, DAYS WORKED, ACCIDENTS, ANIMALS UNDERGROUND, AND MOTORS IN USE.

District	Employees			Boys under 21 yrs. under ground	Boys under 21 yrs. on surface	Average days worked	Casualties		Motors	Number of animals
	Under ground	On surface	Total				Killed	Injured		
First.....	4,841	626	5,467	217	16	150	4	198	12	615
Shipping.....	4,099	473	4,572	217	16	115	1	194	12	615
Local.....	742	153	895	.....	.....	157	3	4	.....	.....
Second.....	3,706	443	4,149	128	7	138	6	78	41	309
Shipping.....	3,009	316	3,325	128	7	152	4	72	41	309
Local.....	697	127	824	.....	.....	135	2	6	.....	.....
Third.....	3,324	320	3,644	78	2	129	2	39	25	183
Shipping.....	2,205	199	2,404	78	2	125	2	38	25	183
Local.....	1,119	121	1,240	.....	.....	130	.....	1	.....	.....
Fourth.....	8,614	740	9,354	346	20	148	11	389	98	489
Shipping.....	8,442	711	9,153	346	20	157	11	389	98	489
Local.....	172	29	201	.....	.....	139	.....	.....	.....	.....
Fifth.....	7,452	1,038	8,490	420	24	148	19	269	125	330
Shipping.....	7,066	981	8,047	420	24	129	17	265	125	330
Local.....	386	57	443	.....	.....	156	2	4	.....	.....
Sixth.....	10,071	880	10,951	669	53	133	15	571	179	380
Shipping.....	10,034	869	10,903	669	53	127	15	571	179	380
Local.....	37	11	48	.....	.....	151	.....	.....	.....	.....
Seventh.....	5,229	556	5,785	278	24	128	10	322	82	294
Shipping.....	5,162	545	5,707	278	24	127	10	322	82	294
Local.....	67	11	78	.....	.....	131	.....	.....	.....	.....
Eighth.....	7,581	765	8,346	323	43	124	8	235	91	569
Shipping.....	7,343	737	8,080	323	43	111	8	230	91	569
Local.....	238	28	266	.....	.....	160	.....	5	.....	.....
Ninth.....	7,290	927	8,217	467	39	131	9	355	121	418
Shipping.....	7,130	867	7,997	467	39	127	9	355	121	418
Local.....	160	60	220	.....	.....	135	.....	.....	.....	.....
Tenth.....	12,855	1,985	14,840	790	98	123	27	678	361	207
Shipping.....	12,855	1,985	14,840	790	98	123	27	678	361	207
Local.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eleventh.....	5,686	607	6,293	133	3	134	24	346	79	492
Shipping.....	5,632	596	6,228	133	3	130	24	346	79	492
Local.....	54	11	65	.....	.....	139	.....	.....	.....	.....
Twelfth.....	11,041	1,513	12,554	559	31	115	24	399	171	536
Shipping.....	10,933	1,492	12,425	559	31	123	24	399	171	536
Local.....	108	21	129	.....	.....	102	.....	.....	.....	.....
The State.....	87,690	10,400	98,090	4,408	360	134	159	3,879	1,384	4,822
Shipping.....	83,910	9,771	93,681	4,408	360	127	152	3,859	1,384	4,822
Local.....	3,780	629	4,409	.....	.....	137	7	20	.....	.....

ANNUAL REPORT OF STATE INSPECTORS.

FIRST INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Putnam, Rock Island, and Will. The following is a summary of the items shown in the report:

Number of counties producing coal.....	9
Number of shipping mines.....	19
Number of local mines.....	92
Number of employees underground.....	4,841
Number of employees on surface.....	626
Total number of employees.....	5,467
Total tons of coal produced.....	1,689,343
Days of active operation, shipping mines, average.....	115
Days of active operation, local mines, average.....	157
Number of fatal accidents.....	4
Number of non-fatal accidents.....	198
Number of employees to each fatal accident.....	1,367
Number of employees to each non-fatal accident.....	27.6
Tons of coal produced to each fatal accident.....	422,336
Tons of coal produced to each non-fatal accident.....	8,532
Ratio of fatal accidents per 1,000 employees.....	.73

NEW AND ABANDONED MINES

No new shipping mines have been opened and only one abandoned during the year, viz.: U. S. Coal and Coke Corporation No. 2, Rutland, LaSalle County. However, the Coal Valley Mining Company's Mine No. 3 will be operated as a local mine next year by the Mathesville Coal Company.

FATAL ACCIDENTS

July 2, 1921, John Brtva, driver, age 26 years, married, was killed by pit cars in Chicago, Wilmington and Franklin Coal Company's No. 3 mine, South Wilmington. He leaves a widow and one child.

April 16, 1922, Lewis Brown, top foreman, age 40 years, married, and William Savill, mine manager, age 62 years, married, were killed in Acme Coal Company's mine, Streator, by being suffocated by fumes from a gasoline engine. Brown leaves a widow and one child and Savill leaves a widow.

May 27, 1922, Duncan Thompson, Jr., miner, age 30 years, married, was killed in Never-Seen Coal Company's mine by a fall of rock. He leaves a widow and one child.

Respectfully submitted,

WALTER A. WAITE, *Inspector.*

FATAL CASUALTIES, FIRST DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July	John Brtva.....	26	Driver...	So. Wilmington..	Chi., Wilm. & F. C. Co...	3	1	...	1	1	2	Pit car
April 16	Lewis Brown.....	40	Foreman.	Streator.....	Acme Coal Co.....	.....	1	...	1	1	2	Suffocation
April 16	William Savill.....	62	Mine Mgr.	Streator.....	Acme Coal Co.....	.....	1	...	1	...	1	Suffocation
May 27	Duncan Thompson, Jr..	30	Miner....	Viola.....	Never-Seen Coal Co.....	.....	1	....	1	1	2	Falling rock

NON-FATAL ACCIDENTS, FIRST DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
B. F. Berry Coal Co.....	22	...	1,311	Cager.....	1	...	30	Fall of roof and side.....	85	9	54
C., W. & F. Coal Co., No. 3.....	12	1	877	Carpenter.....	1	...	40	Fall of person...	6	1	41
Illinois Third Vein Coal Co.....	23	4	916	Drivers.....	9	1	71	Flying particles..	4	...	73
Illinois Zinc Co., No. 3.....	4	...	385	Laborers.....	21	3	49	Hand tools.....	5	1	72
LaSalle Co. C. C. Co., No. 1.....	4	1	96	Loaders.....	3	...	60	Lifting.....	26	3	49
LaSalle Co. C. C. Co., No. 5.....	4	1	186	Machinemen...	3	2	51	Pit car.....	25	6	67
LaSalle Co. C. C. Co., LaSalle.....	6	...	295	Miners.....	158	21	55	Struck by object.	29	4	55
LaSalle Co. C. C. Co., Union.....	11	3	386	Timberman...	1	...	80	Miscellaneous...	5	1	44
M. & H. Zinc Co.....	4	1	275	Trackman....	1	...	36	Not stated.....	13	2	46
Murphy, Linskey & Kasher C. Co...	4	2	104								
St. Paul Coal Co., No. 1.....	31	2	1,393								
St. Paul Coal Co., No. 2.....	18	4	635								
Springvalley Coal Co., No. 1.....	15	6	470								
Springvalley Coal Co., No. 3.....	19	1	865								
Springvalley Coal Co., No. 5.....	19	1	1,074								
Wilmington Star Mining Co., No. 7..	2	...	86								
Total.....	198	27	9,354		198	27	55		198	27	55

BUREAU

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
1	Springvalley Coal Co., No. 3.	Springvalley.	129,285	22,208	95,541			5,461
2	Illinois Third Vein Coal Co.	Ladd.....	97,784	2,189	62,459	7,925	5,650	18,422
3	Springvalley Coal Co., No. 1.	Springvalley.	88,944	24,286	32,861	7,285	17,583	5,975
4	Springvalley Coal Co., No. 5.	Dalzell.....	81,893	12,105	56,605		1,498	5,610
5	St. Paul Coal Co., No. 2.....	Cherry.....	69,942	49	58,767		2,508	8,595
	Total.....		457,848	60,837	306,243	15,210	27,239	44,063
	5 local mines producing less than 10,000 tons each.....		21,998				21,998	
	Total, all mines.....		489,846	60,837	306,243	15,210	49,237	44,063

GRUNDY

SHIPPING MINES							
1	C. W. & F. Coal Co., No. 3..	So. Wilmg..	163,702	133,159		9,301	7,583
2	Wilmington Star M.Co.,No. 7	Coal City...	38,090	33,926			3,889
	Total.....		201,792	167,085		9,301	11,472
	5 local mines producing less than 10,000 tons each.....		7,358			16,659	11,472
	Total, all mines.....		209,150	167,085		16,659	11,472

HENRY

LOCAL MINES							
	17 mines producing less than 10,000 tons each.....		35,606			35,186	420

LASALLE

SHIPPING MINES							
1	LaSalle Co. Carbon C. Co., No. 1	LaSalle.....	87,539	71,652		13,489	2,398
2	LaSalle Co. Carbon C. Co., LaS.	LaSalle.....	56,008	23,493		30,312	2,203
3	LaSalle Co. Carb. C Co., Union.	LaSalle.....	51,066	21,589	3,203	25,936	338
4	Illinois Zinc Co., No. 3.....	Peru.....	46,672	41,224		2,968	2,480
5	LaSalle Co. Carbon C. Co., No. 5	Cedar Point.	49,737	13,674	20,850	2,017	4,196
6	Seneca Coal Co.....	Seneca.....	8,827	2,055		5,459	1,013
	Total.....		290,849	173,687	20,850	3,203	80,191
	12,628						
LOCAL MINES							
1	Mathiesson & Hegeler.....	LaSalle.....	54,219			6,331	47,888
2	Manufactures Coal Co.....	Marseilles...	39,814			39,421	393
	29 mines producing less than 10,000 tons each.....		52,985			52,985	
	Total.....		147,018			98,737	48,281
	Total, all mines.....		437,867	173,687	20,850	3,203	178,928
							60,909

COUNTY

Loss in pre-paring including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
6,075	478	102	.....	.....	.....	.....	.....	129,285	.....	78	.....	19	1
1,129	315	133	.....	.....	.....	6	2	55,772	42,012	50	.....	23	2
954	387	86	.....	.....	.....	.....	2	88,944	.....	60	.....	15	3
6,075	370	78	.....	.....	.....	.....	2	81,893	.....	51	.....	19	4
23	298	87	.....	.....	.....	.....	.....	69,942	.....	54	.....	18	5
14,256	1,848	97	.....	.....	.....	6	6	425,836	42,012	293	.....	94	.....
.....	43	201	.....	.....	.....	.....	.....	21,998	.....	.....	.....	.....	.....
14,256	1,891	135	.....	.....	.....	6	6	447,834	42,012	293	.....	94	.....

COUNTY

13,659	370	195	1,281	.....	.....	.....	.....	163,702	.....	38	1	12	1
275	127	96	368	.....	.....	.....	.....	38,090	.....	19	.....	2	2
13,934	497	146	1,649	201,792	57	1	14
.....	32	153	50	7,358
13,934	520	151	1,699	209,150	57	1	14

COUNTY

.....	92	175	370	35,600	1
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COUNTY

.....	280	124	20	2	2	49,623	37,916	25	4	1
.....	161	125	8	5	1	56,008	51,066	21	6	2
.....	223	88	7	6	1	18,199	28,473	18	11	3
.....	142	151	.....	.....	.....	3	2	49,737	8,827	32	.....	4	4
.....	169	76	.....	.....	.....	.....	.....	.....	.....	2	.....	4	5
290	35	218	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6
290	1,010	130	35	.....	.....	16	6	117,386	173,463	98	.....	29	.....
.....	54	206	916	.....	.....	3	.....	2,666	51,553	.....	.....	4	1
.....	84	257	.....	.....	.....	.....	.....	39,814	.....	.....	.....	2	2
.....	186	158	1,584	.....	.....	.....	.....	52,985	.....	.....	2	.....	.....
.....	324	137	2,500	.....	.....	3	.....	95,455	51,553	.....	2	4	.....
290	1,334	136	2,535	.....	.....	19	.....	212,851	225,016	.....	2	33	.....

LIVINGSTON

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Murphy, Linskey & Kasher Coal Co., No. 1.....	Pontiac.....	22,956	10,846			10,358	1,752
2	Fairbury Coal Co.....	Fairbury.....	15,686			8,980	5,480	1,226
	Total.....		38,642	10,846		8,980	15,838	2,978
LOCAL MINES								
1	Streator Clay Mfg. Co.....	Streator....	29,910					29,910
2	Co-operative Coal Co.....	Fairbury....	12,916				11,890	1,026
	6 mines producing less than 10,000 tons each.....		8,735				8,735	
	Total.....		51,561				20,625	30,936
	Total, all mines.....		90,203	10,846		8,980	36,463	33,914

MERCER

SHIPPING MINES								
1	Alden Coal Co., No. 7	Matherville	105,595	15,756	85,610			4,229
2	Coal Valley Mining Co., No. 3	Matherville	16,889	15,625			301	963
	Total		122,484	31,381	85,610		301	5,192
	16 local mines producing less than 10,000 tons each		41,115				41,115	
	Total, all mines		163,599	31,381	85,610		41,416	5,192

PUTNAM

SHIPPING MINES								
1	St. Paul Coal Co., No. 1	Granville	127,524	76	14,424	1,326	3,622	7,996
2	B. F. Berry Coal Co.	Standard	51,737	19,229	21,088		3,464	7,956
	Total		179,261	19,305	135,512	1,326	7,086	15,952

ROCK ISLAND

LOCAL MINES								
1	Valley View Coal Co.	Coal Valley	34,310				33,510	800
2	Pryce-Seivers Coal Co.	Coal Valley	22,625				21,625	1,000
	7 mines producing less than 10,000 tons each		8,732				7,898	834
	Total		65,667				63,033	2,634

WILL

LOCAL MINE								
1	Skinner Bros.	Wilmington	18,144				15,954	2,190

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	76	112	342	.....	.....	3	.....	.....	22,956	8	.....	4	1
.....	43	154	800	.....	.....	.....	.....	15,686	.....	.....	.....	.....	2
.....	119	133	1,142	.....	.....	3	.....	15,686	22,956	8	.....	4	.....
.....	53	200	653	.....	.....	.....	.....	29,910	.....	.....	.....	.....	1
.....	20	171	162	.....	.....	.....	.....	12,916	.....	.....	.....	.....	2
.....	37	155	3	.....	.....	.....	.....	8,735	.....	.....	.....	.....	3
.....	110	163	818	.....	.....	.....	.....	51,561	.....	.....	.....	.....	.....
.....	229	157	1,960	.....	.....	3	.....	67,247	22,956	8	.....	4	.....

COUNTY

.....	171	145	7,910	.....	.....	.....	.....	105,595	.....	18	.....	.....	1
.....	94	46	1,011	.....	.....	.....	.....	16,889	.....	8	.....	.....	2
.....	265	96	8,921	.....	.....	.....	.....	122,484	.....	26	.....	.....	.....
.....	104	178	3,282	.....	.....	.....	.....	41,115	.....	.....	1	.....	.....
.....	369	169	12,203	.....	.....	.....	.....	163,599	.....	26	1	.....	.....

COUNTY

80	551	95	.....	.....	.....	10	.....	93,015	34,509	76	.....	31	1
.....	282	65	.....	.....	.....	.....	.....	51,737	.....	60	.....	22	2
80	833	80	.....	.....	.....	10	.....	144,752	34,509	136	.....	53	.....

COUNTY

.....	50	200	2,450	34,310	1
.....	36	150	1,200	22,625	2
.....	44	119	555	8,732
.....	130	131	4,205	65,667

COUNTY

.....	60	171	18,144	1
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in pre-paring and not sold June 30	
Bureau.....	5	467,848	60,837	306,243	15,210	27,239	44,063	14,256	65,879
Grundy.....	2	201,792	167,085			9,301	11,472	13,934	55,320
LaSalle.....	6	290,849	173,687	20,850	3,203	80,191	12,628	290	
Livingston....	2	38,642	10,846		8,980	15,838	2,978		
Mercer.....	2	122,484	31,381	85,610		301	5,192		
Putnam.....	2	179,261	19,305	135,512	1,326	7,086	15,952	80	
Total.....	19	1,300,876	463,141	548,215	28,719	139,956	92,285	28,560	121,199

LOCAL MINES, RECAPITULATION

Bureau.....	5	21,998				21,998			
Grundy.....	5	7,358				7,358			
Henry.....	17	35,606				35,186	420		
LaSalle.....	31	147,018				98,737	48,281		
Livingston....	8	51,561				20,625	30,936		
Mercer.....	16	41,115				41,115			
Rock Island..	9	65,667				63,033	2,634		
Will.....	1	18,144				15,954	2,190		
Total.....	92	388,467				304,006	84,461		

ALL MINES, RECAPITULATION

Bureau.....	10	489,846	60,837	306,243	15,210	49,237	44,063	14,256	65,879
Grundy.....	7	209,150	167,085			16,659	11,472	13,934	55,320
Henry.....	17	35,606				35,186	420		
LaSalle.....	37	437,867	173,687	20,850	3,203	178,928	60,909	290	
Livingston....	10	90,203	10,846		8,980	36,463	33,914		
Mercer.....	18	163,599	31,381	85,610		41,416	5,192		
Putnam.....	2	179,261	19,305	135,512	1,326	7,086	15,952	80	
Rock Island..	9	65,667				63,033	2,634		
Will.....	1	18,144				15,954	2,190		
Total.....	111	1,689,343	463,141	548,215	28,719	443,962	176,746	28,560	121,199

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
2,452	87	214	.....	.....	.....	.....	.....	29,505	.....	.....	.....	2	1

COUNTY

.....	525	133	.....	.....	.....	7	5	46,706	85,301	45	2	12	1
205	156	184	.....	.....	.....	.....	.....	61,434	.....	14	1	6	2
205	681	159	.....	.....	.....	7	5	108,140	85,301	59	3	18	.....
.....	82	91	1,548	.....	.....	.....	.....	21,103	.....	.....	.....	.....	.....
205	763	93	1,548	.....	.....	7	5	129,243	85,301	59	3	18	.....

COUNTY

.....	305	191	12,347	.....	.....	7	5	167,328	80,515	26	.....	6	1
.....	289	151	4,052	.....	.....	11	2	.....	198,348	17	.....	3	2
5,204	156	175	4,122	.....	.....	3	2	39,178	71,150	9	.....	9	3
.....	145	168	1,480	.....	.....	7	.....	.....	96,135	.....	.....	6	4
.....	157	157	4,895	.....	.....	.....	2	85,968	.....	14	.....	2	5
.....	98	152	1,272	.....	.....	3	3	1,470	64,813	9	.....	3	6
450	161	109	849	.....	.....	7	2	428	51,402	9	.....	3	7
338	75	120	2,264	.....	.....	.....	1	28,317	.....	4	.....	.....	8
.....	41	116	.....	.....	.....	.....	.....	24,238	.....	.....	.....	.....	9
.....	53	143	.....	.....	.....	.....	.....	20,232	.....	6	.....	2	10
.....	15	70	.....	.....	.....	.....	1	7,545	.....	2	.....	.....	11
500	11	187	390	.....	.....	.....	.....	7,480	.....	.....	.....	.....	12
.....	49	77	.....	.....	.....	1	.....	1,051	5,704	1	.....	.....	13
6,492	1,555	140	31,671	.....	.....	39	18	383,235	568,103	97	.....	34	.....
.....	37	202	1,350	.....	.....	.....	.....	24,749	.....	.....	.....	2	1
.....	23	267	1,321	.....	.....	.....	.....	22,226	.....	.....	.....	.....	2
.....	24	165	462	.....	.....	.....	.....	14,227	.....	.....	.....	.....	3
.....	29	170	960	.....	.....	.....	.....	13,345	.....	.....	.....	.....	4
.....	12	290	616	.....	.....	.....	.....	10,336	.....	.....	.....	.....	5
.....	370	148	8,706	.....	.....	.....	.....	129,702	.....	.....	1	.....	.....
.....	495	153	13,343	.....	.....	.....	.....	214,585	.....	.....	1	2	.....
6,492	2,050	150	45,014	.....	.....	39	18	597,826	568,103	97	1	36	.....

STARK

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
LOCAL MINES								
	14 mines producing less than 10,000 tons each.....		13,514					13,514

TAZEWELL

SHIPPING MINES								
1	Groveland Coal M. Co., No. 2	Pekin.....	363,719	2,916	360,331	.....	95	377
2	Tazewell Coal Co.....	Pekin.....	93,267	10,464	73,932	.....	4,507	4,364
3	Lake Erie Mining Co.....	Peoria.....	87,885	31,734	43,779	.....	12,372	.....
4	Ubben Coal Co.....	Pekin.....	34,584	21,375	.....	.....	12,934	275
5	Regal Coal Co.....	Pekin.....	22,626	20,774	.....	655	325	872
6	East Peoria Mining Co.....	East Peoria.....	6,019	177	.....	.....	5,623	.....
Total.....			608,100	87,440	478,042	655	35,856	5,888
LOCAL MINES								
1	Rainey & Thompson.....	East Peoria.....	39,311	.....	.....	.....	32,411	900
2	Liberty Coal Co.....	East Peoria.....	19,075	.....	.....	.....	19,075	.....
	1 mine producing less than 10,000 tons.....		9,235	.....	.....	.....	9,110	125
Total.....			61,621	.....	.....	.....	60,596	1,025
Total, all mines.....			669,721	87,440	478,042	655	96,452	6,913

WOODFORD

SHIPPING MINES								
1	Roanoke Coal Co.....	Roanoke.....	56,004	18,026	24,343	3,656	5,740	4,239
2	Minonk Coal Co., No. 2.....	Minonk.....	48,713	31,900	.....	.....	12,013	3,850
Total.....			104,717	49,926	24,343	3,656	17,753	8,089

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
LOCAL MINES								
1	McLean Co. Coal Co.	Bloomington	29,505	.....	.....	.....	23,603	3,450

MARSHALL

SHIPPING MINES								
1	Toluca Coal Co., No. 1.	Toluca.	132,007	4,147	88,621	29,473	7,222	2,544
2	Wenona Coal Co., No. 1.	Wenona.	61,434	47,664	.....	.....	7,598	5,867
Total.			193,441	51,811	88,621	29,473	14,920	8,411
LOCAL MINES								
21 mines producing less than 10,000 tons each.			21,103	.....	.....	.....	21,103	.....
Total, all mines.			214,544	51,811	88,621	29,473	36,033	8,411

PEORIA

SHIPPING MINES								
1	Clark Coal & Coke Co.	Peoria.	247,843	194,555	52,554	.....	.....	734
2	M. E. Case Coal Co.	Peoria.	198,384	63,659	134,725	.....	.....	.....
3	Newsam Bros. C. Co., No. 5.	Peoria.	110,328	37,714	57,410	.....	.....	.....
4	Logan Coal Co.	Hanna City.	96,135	93,391	.....	.....	.....	2,244
5	Newsam Bros. C. Co., No. 4.	Glasford.	85,968	38,298	44,627	.....	1,267	1,776
6	Wolschlag Co-op. Coal Co.	Peceria.	66,283	11,773	54,510	.....	.....	.....
7	Crescent Coal Co., No. 1.	Peoria.	51,830	43,957	6,464	.....	959	.....
8	Central West Coal Co.	Edwards.	28,317	21,112	6,219	.....	648	.....
9	Colliers Co-operative Coal Co.	Bartonville.	24,238	23,305	.....	.....	583	350
10	Lancaster Coal Co., No. 1.	Kings. Mines	20,232	16,494	.....	.....	3,438	300
11	Silver Creek Coal Co., No. 2.	Edwards.	7,545	7,545	.....	.....	.....	.....
12	E. Mapleton Coal Co., No. 1.	Mapleton.	7,480	4,980	.....	.....	2,000	.....
13	Newsam Bros. C. Co., No. 6.	Peoria.	6,755	6,755	.....	.....	.....	.....
Total.			951,338	564,038	366,509	.....	8,395	5,404
LOCAL MINES								
1	Leitner Coal Co.	Peoria.	24,749	.....	.....	.....	24,749	.....
2	Winters Coal Co.	Bartonville.	22,226	.....	.....	.....	21,446	780
3	Treasurer Coal Co.	Bartonville.	14,227	.....	.....	.....	13,507	720
4	Ed. Mohn.	Bartonville.	13,345	.....	.....	.....	12,395	650
5	George L. Petrie.	Peoria.	10,336	.....	.....	.....	10,330	36
66 mines producing less than 10,000 tons each.			129,702	.....	.....	.....	127,800	1,902
Total.			214,585	.....	.....	.....	210,497	4,080
Total, all mines.			1,165,923	564,038	366,509	.....	219,392	9,492

FATAL CASUALTIES, SECOND DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921 Sept. 9	Eli Gillham.....	30	Miner.....	Peoria.....	Groveland Coal Co.....	2	1	.....	1	2	3	Falling rock
Dec. 16	Anton Eggleton.....	34	Driver.....	Toluca.....	Toluca Coal Co.....	1	1	.....	1	1	1	Pit car
Dec. 19	Charles McDaniels.....	61	Miner.....	Wyoming.....	Kingen & Greenwell C. Co.....	.....	1	.....	1	3	4	Falling slate
1922 Feb. 6	John Morris.....	52	Cager.....	Wenona.....	Wenona Coal Co.....	1	.....	1	.....	.....	.....	Wheel fell down shaft
Mar. 23	John Parlich.....	43	Miner.....	Flora.....	Toluca Coal Co.....	1	1	.....	1	6	7	Falling rock
June 9	Samuel Crews.....	52	Miner.....	Chillicothe.....	A. N. Mapes.....	.....	1	1	.....	.....	.....	Powder explosion

NON-FATAL ACCIDENTS, SECOND DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
M. E. Case Coal Co.....	3	...	100	Drivers.....	12	3	45	Cage.....	1	1	.....
Clarke Coal & Coke Co.....	6	1	314	Laborers.....	3	...	70	Fall of roof and sides.....	28	4	37
Crescent Coal Co.....	3	1	111	Machinemen..	5	1	32	Fall of person...	2	...	31
David Grant.....	2	1	43	Miners.....	54	7	48	Flying particles..	2	1	64
Groveland Coal Mining Co., No. 2...	7	2	200	Timbermen...	3	1	42	Gas explosion...	1	1	.....
Lake Erie Mining Co.....	5	...	213	Trackman....	1	...	32	Hand tools.....	3	...	49
Lancaster Coal Co.....	2	...	60					Lifting.....	2	...	60
Leitner Coal Co.....	2	...	130					Machinery.....	5	2	41
Logan Coal Co.....	6	...	262					Mining machine..	1	...	30
McLean County Coal Co.....	2	...	110					Pit cars.....	18	2	73
Minonk Coal Co.....	5	...	322					Powder explosion	1	...	75
Newsam Bros., No. 4.....	2	1	64					Struck by objects	8	1	55
Newsam Bros., No. 5.....	9	3	274					Not stated.....	6	...	69
Tazewell Coal Co.....	3	2	60								
Toluca Coal Co.....	12	1	515								
Wenona Coal Co.....	6	...	520								
Wolschlag Co-operative Co.....	3	...	175								
Total.....	78	12	3,473		78	12	53		78	12	53

BY COUNTIES, FIRST DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
1,669	179	1,848	.....	.....	.....	97	6	425,836	42,012	6	293	.....	94
445	52	497	1,649	.....	.....	146	.....	201,792	.....	.....	57	1	14
899	111	1,010	35	.....	.....	130	16	117,386	173,463	6	98	.....	29
100	19	119	1,142	.....	.....	133	3	15,686	22,956	.....	8	.....	4
235	30	265	8,921	.....	.....	96	.....	122,484	.....	.....	26	.....	53
751	82	833	.....	.....	.....	80	10	144,752	34,509	.....	136	.....	.....
4,099	473	4,572	11,747	.....	.....	115	35	1,027,936	272,940	12	618	1	194

BY COUNTIES, FIRST DISTRICT

35	8	43	.....	.....	.....	201	.....	21,998	.....	.....	.....	.....	.....
27	5	32	50	.....	.....	163	.....	7,358	.....	.....	.....	.....	.....
80	12	92	370	.....	.....	175	.....	35,606	.....	.....	.....	.....	.....
262	62	324	2,500	.....	.....	137	3	95,465	51,553	.....	.....	2	4
93	17	110	818	.....	.....	163	.....	51,561	.....	.....	.....	.....	.....
82	22	104	3,282	.....	.....	178	.....	41,115	.....	.....	.....	1	.....
111	19	130	4,205	.....	.....	131	.....	65,667	.....	.....	.....	.....	.....
52	8	60	.....	.....	.....	171	.....	18,144	.....	.....	.....	.....	.....
742	153	895	11,225	.....	.....	157	3	336,914	51,553	.....	.....	3	4

BY COUNTIES, FIRST DISTRICT

1,704	187	1,891	.....	.....	.....	135	6	447,834	42,012	6	293	.....	94
472	57	529	1,699	.....	.....	151	.....	209,150	.....	.....	57	1	14
80	12	92	370	.....	.....	175	.....	35,606	.....	.....	.....	.....	.....
1,161	173	1,334	2,535	.....	.....	136	19	212,851	225,016	6	98	2	.....
193	36	229	1,960	.....	.....	157	3	67,247	22,956	.....	8	.....	33
317	52	369	12,203	.....	.....	169	.....	163,599	.....	.....	26	1	4
751	82	833	.....	.....	.....	80	10	144,752	34,509	.....	136	.....	.....
111	19	130	4,205	.....	.....	131	.....	65,667	.....	.....	.....	.....	53
52	8	60	.....	.....	.....	171	.....	18,144	.....	.....	.....	.....	.....
4,841	626	5,467	22,972	.....	.....	150	38	1,364,850	324,493	12	618	4	198

SECOND INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Second Inspection District, comprising the coal producing counties of McLean, Marshall, Peoria, Stark, Tazewell, and Woodford.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	6
Number of shipping mines.....	23
Number of local mines.....	110
Number of employees underground.....	3,706
Number of employees on the surface.....	443
Total number of employees.....	4,149
Total tons of coal produced.....	2,197,924
Days of active operation, shipping mines, average.....	152
Days of active operation, local mines, average.....	135
Number of fatal accidents.....	6
Number of non-fatal accidents.....	78
Number of employees to each fatal accident.....	692
Number of employees to each non-fatal accident.....	53.2
Tons of coal produced to each fatal accident.....	366,321
Tons of coal produced to each non-fatal accident.....	28,179
Ratio of fatal accidents per 1,000 employees.....	1.45

NEW MINES

Silver Creek Coal Company has opened mine No. 2 and Newsam Bros. mine No. 6. Both of these mines are at Edwards, Peoria County.

ABANDONED MINES

Groveland Mining Company has abandoned its No. 1 mine in Tazewell County. The Leitner Coal Company operated as a local mine.

FATAL ACCIDENTS

September 9, 1921, Eli Gillham, miner, age 30 years, married, was killed in Groveland Coal Company's No. 2 mine by a fall of slate at his working place. He leaves a widow and two children.

December 16, 1921, Anton Egleton, driver, age 34 years, married, was killed by pit cars in Toluca Coal Company's mine. He leaves a widow.

December 19, 1921, Charles McDaniel's, miner, age 61 years, married, was killed in Kingen and Greenwell Coal Company's mine by a fall of slate. He leaves a widow and three children.

February 6, 1922, John Morris, cager, age 52 years, single, was killed in Wenona Coal Company's mine. Deceased was working at the bottom of the shaft when a car, falling down the shaft, struck the bottom a wheel flew off and hit him on the back of the head, killing him instantly.

March 23, 1922, John Parlick, miner, age 43 years, married, was killed by a fall of rock in Toluca Coal Company's mine. He leaves a widow and six children.

June 9, 1922, Samuel Crews, miner, age 52 years, single, died from injuries received May 28 in A. N. Mapes' mine. Deceased attempted to light his lamp and the match head flew into an open keg of powder, causing an explosion.

Respectfully submitted,

WILLIAM A. KIDD, *Inspector.*

CASS

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINE							
	4 mines producing less than 10,000 tons each.....		6,912				6,512	400

FULTON

SHIPPING MINES							
1	Cripple Ck. C. Co., Nos. 1 & 2	Bryant.....	279,617	95,891	183,726		
2	Silver Creek Coal Co., No. 1.	Farmington.	149,921	96,524	52,709		440
3	National Coal Mining Co....	Farmington.	138,170	59,800	76,469		450
4	Canton Coal Co.....	Canton.....	133,725	80,844	51,702		1,179
5	Alden Coal Co., No. 8.....	Farmington.	118,129	53,916	59,298		168
6	Spoon River Coal Co.....	London Mills	81,105	62,013	13,614		918
7	Binzel Coal Co., No. 1.....	Farmington.	65,167	25,294	38,538		632
8	Rawalt Coal Co.....	Canton.....	53,590	51,811			875
9	Maplewood Coal Co.....	Farmington.	45,282	10,210	31,088		3,984
10	Shuler & Long Coal Co.....	Fairview....	35,557	35,243			314
11	Simmons Coal Co.....	Canton.....	20,559	9,776	9,953		830
12	Monmouth Coal Co., No. 1.	Brereton....	17,825	9,404	6,781		282
13	Coal Creek Mining Co., No. 1.	Fairview....	15,580	680	14,900		1,242
14	Eclipse Coal Co.....	Astoria.....	9,931	6,400			36
15	W. Donaldson Coal Co.....	Cuba.....	9,419	9,419			3,495
16	Middleton Coal Co.....	Canton.....	8,868	8,772			96
17	Robt. Gordon Coal Co.....	Farmington.	8,225	1,821			6,384
18	Jos. McLaughlin & Sons.....	Canton.....	6,844	3,680	320		2,394
19	Alden Coal Co., No. 6.....	Norris.....	6,581	4,100	1,508		623
20	Big Six Coal Co., No. 1.....	Fairview....	5,148	5,148			
21	G. & L. Coal Co.....	Canton.....	2,260	2,200			60
	Total.....		1,211,503	632,946	540,606		16,557
	208 mines producing less than 10,000 tons each.....		256,074				253,849
	Total, all mines.....		1,467,577	632,946	540,606		270,406
							22,243

HANCOCK

LOCAL MINES							
	6 mines producing less than 10,000 tons each.....		4,825				4,825

KNOX

LOCAL MINES							
	41 mines producing less than 10,000 tons each.....		54,612				54,354
							258

FATAL CASUALTIES, THIRD DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1922 Feb. 25	Wm. R. Berry . . .	44	Miner . . .	Ellisville	Spoon River Col. Co. . . .	1	1	1	1	3	4	Falling clod
Feb. 25	Raymond Palmer..	16	Miner . . .	Ellisville	Spoon River Col. Co. . . .	1	1	1	1	1	1	Falling clod

NON-FATAL ACCIDENTS, THIRD DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Alden Coal Co., No. 6.....	2	1	39	Cager.....	1	1	.....	Animal.....	1	.....	31
Alden Coal Co., No. 8.....	3	.....	139	Drivers.....	8	2	41	Fall of roof and side.....	2	.....	35
Canton Coal Co.....	6	.....	252	Laborers.....	3	.....	47	Fall of person.....	1	.....	56
Cripple Creek Coal Co., No. 1.....	11	.....	426	Machinememen..	2	1	30	Gas explosion....	1	1	.....
G. & L. Coal Co.....	1	1	.....	Miners.....	21	1	42	Lifting.....	1	.....	59
National Coal Co.....	2	.....	93	Spragger.....	1	.....	30	Machinery.....	1	.....	53
Rawalt Coal Co.....	3	.....	163	Trackman.....	1	.....	31	Pit car.....	19	2	38
Silver Creek Coal Co., No. 1.....	5	1	125	Trip riders....	2	.....	33	Struck by object.	9	2	43
Spoon River Coal Co.....	5	1	162					Not stated.....	4	.....	45
Ralph Wade.....	1	1	.....							
Total.....	39	5	1,399		39	5	41		39	5	41

BY COUNTIES, SECOND DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
622	59	681	.....	.....	.....	159	7	108,140	85,301	5	59	3	18
1,398	157	1,555	31,671	.....	.....	140	39	383,235	568,103	18	97	.....	34
773	73	846	14,699	.....	.....	166	38	93,684	514,416	16	126	1	15
216	27	243	15	25	.....	187	.....	104,717	.....	2	27	.....	5
3,009	316	3,325	46,385	25	.....	152	84	689,776	1,167,820	41	309	4	72

BY COUNTIES, SECOND DISTRICT

72	15	87	.....	.....	.....	214	.....	29,505	.....	.....	.....	.....	2
76	6	82	1,548	.....	.....	91	.....	21,103	.....	.....	.....	.....	.....
409	86	495	13,343	.....	.....	153	.....	214,585	.....	.....	.....	1	2
46	11	57	915	.....	.....	145	.....	13,514	.....	.....	.....	1	.....
94	9	103	4,013	.....	.....	197	.....	61,621	.....	.....	.....	.....	2
697	127	824	19,819	.....	.....	135	.....	340,328	.....	.....	.....	2	6

BY COUNTIES, SECOND DISTRICT

72	15	87	.....	.....	.....	214	.....	29,505	.....	.....	.....	.....	2
698	65	763	1,548	.....	.....	93	7	129,243	85,301	5	.....	3	18
1,807	243	2,050	45,014	.....	.....	150	39	597,820	568,103	18	.....	1	36
46	11	57	915	.....	.....	145	.....	13,514	.....	.....	.....	1	.....
867	82	949	18,712	.....	.....	176	38	155,305	514,416	16	.....	1	17
216	27	243	15	25	.....	187	.....	104,717	.....	2	.....	.....	5
3,706	443	4,149	56,204	25	.....	138	84	1,030,104	1,167,820	41	309	6	78

THIRD INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Third Inspection District, comprising the coal producing counties of Cass, Fulton, Hancock, Knox, McDonough, Schuyler, and Warren.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	7
Number of shipping mines.....	21
Number of local mines.....	355
Number of employees underground.....	3,324
Number of employees on surface.....	320
Total number of employees.....	3,644
Total tons of coal produced.....	1,591,068
Days of active operation, shipping mines, average.....	125
Days of active operation, local mines, average.....	130
Number of fatal accidents.....	2
Number of non-fatal accidents.....	39
Number of employees to each fatal accident.....	1,822
Number of employees to each non-fatal accident.....	93.4
Tons of coal produced to each fatal accident.....	795,534
Tons of coal produced to each non-fatal accident.....	40,797
Ratio of fatal accidents per 1,000 employees.....	.55

NEW MINES

William Donaldson and Sons, Cuba, Fulton County, have operated their mine as a shipping mine.

CHANGE OF NAME

Westerly Bros. and Gooden have operated under the name of Robert Gooden Coal Company. The Sandler Coal Company has changed to G. & L. Coal Company.

ABANDONED MINES

The following shipping mines were not operated during the year and are permanently abandoned or temporarily closed: Big Creek No. 22, St. David and No. 24, Dunfermline; Alden No. 6, Norris; Maplewood Coal Co. No. 2, Farmington; Eagle Mining Co., Canton; Star No. 1, Flatt, and No. 3, Cuba; Quigley Coal Mining and Sales Co., Norris.

FATAL ACCIDENTS

February 25, 1922, William Berry, miner, age 44 years, married, and Raymond Palmer, apprentice miner, age 16 years, single, were killed in Spoon River Colliery Company's mine by a fall of clod. Berry leaves a widow and three children.

Respectfully submitted,

THOMAS P. BACK, *Inspector.*

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	57	145	915	.....	.....	.....	.....	13,514	.....	.....	1	.....	.....

COUNTY

.....	471	197	8,224	.....	.....	21	10	25,045	338,674	38	1	7	1
.....	151	183	1,530	.....	.....	8	3	.....	93,267	8	.....	3	2
.....	118	156	3,725	.....	.....	4	2	62,620	25,265	70	.....	5	3
.....	43	178	407	.....	.....	3	1	.....	34,584	4	.....	.....	4
.....	39	189	313	.....	.....	2	.....	.....	22,626	3	.....	.....	5
219	24	94	500	.....	.....	.....	.....	6,019	.....	3	.....	.....	6
219	846	166	14,699	.....	.....	38	16	93,684	514,416	126	1	15	.....
.....	44	226	2,198	.....	.....	.....	.....	33,311	.....	.....	.....	.....	1
.....	39	180	1,236	.....	.....	.....	.....	19,075	.....	.....	.....	.....	2
.....	20	184	579	.....	.....	.....	.....	9,235	.....	.....	.....	.....	2
.....	103	197	4,013	.....	.....	.....	.....	61,621	.....	.....	.....	.....	2
219	949	176	18,712	.....	.....	38	16	155,305	514,416	126	1	17	.....

COUNTY

.....	139	170	.....	1	25	.....	.....	56,004	.....	21	.....	.....	1
950	104	204	15	.....	.....	.....	1	48,713	.....	6	.....	5	2
950	243	187	15	25	.....	.....	2	104,717	.....	27	.....	5	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Marshall.....	2	193,441	51,811	88,621	29,473	14,920	8,411	205	.....
Peoria.....	13	951,338	564,038	366,509	.....	8,895	5,404	6,492	.....
Tazewell.....	6	608,100	87,440	478,042	655	35,856	5,888	219	.....
Woodford.....	2	104,717	49,926	24,343	3,656	17,753	8,089	950	.....
Total.....	23	1,857,596	753,215	957,515	33,784	77,424	27,792	7,866	.....

LOCAL MINES, RECAPITULATION

McLean.....	1	29,505	.....	.....	.....	23,603	3,450	2,452	.....
Marshall.....	21	21,103	.....	.....	.....	21,103	.....	.....	.....
Peoria.....	71	214,585	.....	.....	.....	210,497	4,088	.....	.....
Stark.....	14	13,514	.....	.....	.....	13,514	.....	.....	.....
Tazewell.....	3	61,621	.....	.....	.....	60,596	1,025	.....	.....
Total.....	110	340,328	.....	.....	.....	329,313	8,563	2,452	.....

ALL MINES, RECAPITULATION

McLean.....	1	29,505	.....	.....	.....	23,603	3,450	2,452	.....
Marshall.....	23	214,544	51,811	88,621	29,473	36,033	8,411	205	.....
Peoria.....	84	1,165,923	564,038	366,509	.....	219,392	9,492	6,492	.....
Stark.....	14	13,514	.....	.....	.....	13,514	.....	.....	.....
Tazewell.....	9	669,721	87,440	478,042	655	96,452	6,913	219	.....
Woodford.....	2	104,717	49,926	24,343	3,656	17,753	8,089	950	.....
Total.....	133	2,197,924	753,215	957,515	33,784	406,747	36,355	10,318	.....

had helped his brother tamp a shot and went back to their powder box, arriving there just as his brother's lamp fell into the keg of powder, causing an explosion which resulted in his death. He leaves a widow and one child.

January 23, 1922, Robert Leseck, shot firer, age 38 years, married, employed by Springfield District Coal Mining Company's No. 57 mine, was killed by suffocation, the result of firing an improperly prepared shot. He leaves a widow and two children.

February 26, 1922, Patrick Lyons, miner, age 63 years, single, died from the effects of injuries received eleven days previous by a fall of slate in Sangamon County Coal Company's mine, Lincoln, Logan County.

March 16, 1922, Fred Cooper, miner, age 30 years, married, was killed by a fall of slate in Bissell Coal Company's mine. He leaves a widow and one child.

March 24, 1922, Alex. Dutkwise, miner, age 45 years, married, received injuries from which he died two days later by a fall of slate in Sangamon County Mining Company's mine. He leaves a widow.

Respectfully submitted,

F. J. DEVLIN, *Inspector.*

FATAL CASUALTIES, FOURTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 9	Jeremias Planagan.	24	Laborer.	Riverton.	Springfield Dist. M. Co.	52	1	...	1	1	2	Falling scaffold
July 9	Geo. W. Johnson.	41	Laborer.	Riverton.	Springfield Dist. M. Co.	52	1	...	1	1	2	Falling scaffold
Aug. 3	Augustino Zardo.	29	Miner.	Springfield.	Peerless Coal Co.	...	...	1	...	1	...	Falling clod
Aug. 12	Domanick Alleva.	38	Miner.	Springfield.	Sangamon Coal Co.	2	1	...	1	3	4	Falling coal
Nov. 15	Alex. Michael.	34	Driver.	Springfield.	Springfield Dist. M. Co.	57	1	...	1	...	1	Pit car
Dec. 26	Fred Ratcliffe.	28	Miner.	Spaulding.	Bissell Coal Co.	...	1	...	1	4	5	Powder explosion
Dec. 28	Don Ratcliffe.	30	Miner.	Springfield.	Bissell Coal Co.	...	1	...	1	1	2	Powder explosion
1922												
Jan. 23	Robert Lesock.	38	Shot firer.	Springfield.	Springfield Dist. C.M.Co.	57	1	...	1	2	3	Suffocation
Feb. 26	Patrick Lyons.	63	Miner.	Lincoln.	Sangamon Co. Coal Co.	...	...	1	...	...	...	Falling slate
Mar. 16	Fred Cooper.	30	Miner.	Riverton.	Bissell Coal Co.	...	1	...	1	1	2	Falling slate
Mar. 26	Alex. Dutkwise.	45	Miner.	Springfield.	Sangamon Co. M. Co.	...	1	...	1	...	1	Falling slate

BY COUNTIES, THIRD DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
2,205	199	2,404	46,352	4,250	.....	125	73	530,369	681,134	25	183	2	38

BY COUNTIES, THIRD DISTRICT

13	3	16	615	.....	.....	189	.....	6,912	.....	.....	.....	.....	.....
697	64	761	11,569	.....	.....	137	.....	256,074	.....	.....	.....	.....	1
32	6	38	.....	.....	.....	130	.....	4,825	.....	.....	.....	.....	.....
124	18	142	1,831	.....	.....	135	.....	54,612	.....	.....	.....	.....	.....
135	11	146	208	.....	.....	125	.....	20,030	.....	.....	.....	.....	.....
92	13	105	1,229	.....	.....	108	.....	30,977	.....	.....	.....	.....	.....
26	6	32	290	.....	.....	155	.....	6,135	.....	.....	.....	.....	.....
1,119	121	1,240	15,745	.....	.....	130	.....	379,565	.....	.....	.....	.....	1

BY COUNTIES, THIRD DISTRICT

13	3	16	613	.....	.....	189	.....	6,912	.....	.....	.....	.....	.....
2,902	263	3,165	57,921	4,250	.....	131	73	786,443	681,134	25	183	2	39
32	6	38	.....	.....	.....	130	.....	4,825	.....	.....	.....	.....	.....
124	18	142	1,831	.....	.....	135	.....	54,612	.....	.....	.....	.....	.....
135	11	146	208	.....	.....	125	.....	20,030	.....	.....	.....	.....	.....
92	13	105	1,229	.....	.....	108	.....	30,977	.....	.....	.....	.....	.....
26	6	32	290	.....	.....	155	.....	6,135	.....	.....	.....	.....	.....
3,324	320	3,644	62,092	4,250	.....	129	73	909,934	681,134	25	183	2	39

FOURTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Fourth Inspection District, comprising the coal producing counties of Logan, Menard, Morgan, Sangamon, and Scott.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	5
Number of shipping mines.....	29
Number of local mines.....	31
Number of employees underground.....	8,614
Number of employees on surface.....	740
Total number of employees.....	9,354
Total tons of coal produced.....	6,304,257
Days of active operation, shipping mines, average.....	157
Days of active operation, local mines, average.....	139
Number of fatal accidents.....	11
Number of non-fatal accidents.....	389
Number of employees to each fatal accident.....	850
Number of employees to each non-fatal accident.....	24
Tons of coal produced to each fatal accident.....	573,114
Tons of coal produced to each non-fatal accident.....	16,206
Ratio of fatal accidents per 1,000 employees.....	1.18

CHANGE OF NAME

Latham-Lincoln Mining Co., Lincoln, is now operated by Sangamon County Mining Co.

MINES NOT IN OPERATION

Springfield District Coal Mining Company's No. 54 mine, Auburn; Peabody Coal Company's No. 5 mine, Pawnee; and Citizens Coal Mining Company's "A" mine, Springfield.

FATAL ACCIDENTS

July 9, 1921, George W. Johnson, laborer, age 41 years, married, and Jeremiah Flanagan, laborer, age 24 years, married, employed by Springfield District Coal Mining Company at mine No. 52, were killed when a scaffold on which they were working fell. Each man leaves a widow and one child.

August 3, 1921, Augustino Zardo, miner, age 29 years, single, was killed by a fall of clod in Peerless Coal Company's mine.

August 12, 1921, Domanick Allewa, miner, age 38 years, married, was killed by a fall of roof in Sangamon Coal Company's No. 2 mine. He leaves a widow and three children.

November 15, 1921, Alex. Michael, driver, age 34 years, married, was killed by pit cars, in Springfield District Coal Company's No. 57 mine. He leaves a widow.

December 26, 1921, Fred Ratcliffe, miner, age 28 years, married, died from the effects of injuries received two days previous in Bissell Coal Company's mine. Deceased was emptying powder into a partly filled keg when his lamp fell into the keg, igniting the powder, burning him so badly that he died as stated above. He leaves a widow and four children.

December 28, 1921, Don Ratcliffe, miner, age 30 years, married, died from the effects of injuries received December 24 in Bissell Coal Company's mine. Deceased

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	146	125	208	20,030

COUNTY

.....	105	108	1,229	30,977
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COUNTY

.....	32	155	290	6,135
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Fulton	21	1,211,503	632,946	540,606	.....	16,557	20,018	1,376	.....

LOCAL MINES, RECAPITULATION

Cass	4	6,912	.....	.....	.....	6,512	400	.....	.....
Fulton	208	256,074	.....	.....	.....	253,849	2,225	.....	.....
Hancock	6	4,825	.....	.....	.....	4,825	.....	.....	.....
Knox	41	54,612	.....	.....	.....	54,354	258	.....	.....
McDonough	46	20,030	.....	.....	.....	20,030	.....	.....	.....
Schuyler	43	30,977	.....	.....	.....	30,977	.....	.....	.....
Warren	7	6,135	.....	.....	.....	6,085	50	.....	.....
Total	355	379,565	.....	.....	.....	376,632	2,933	.....	.....

ALL MINES, RECAPITULATION

Cass	4	6,912	.....	.....	.....	6,512	400	.....	.....
Fulton	229	1,467,577	632,946	540,606	.....	270,406	22,243	1,376	.....
Hancock	6	4,825	.....	.....	.....	4,825	.....	.....	.....
Knox	41	54,612	.....	.....	.....	54,354	258	.....	.....
McDonough	46	20,030	.....	.....	.....	20,030	.....	.....	.....
Schuyler	43	30,977	.....	.....	.....	30,977	.....	.....	.....
Warren	7	6,135	.....	.....	.....	6,085	50	.....	.....
Total	376	1,591,068	632,946	540,606	.....	393,189	22,951	1,376	.....

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mot- ors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	16	189	615	.....	.....	.....	.....	6,912	.....	.....	.....	.....	.....

COUNTY

.....	440	158	14,155	.....	.....	6	3	198,328	81,289	23	.....	11	1
248	285	129	3,708	.....	.....	10	6	11,096	138,825	7	.....	5	2
761	213	159	7,915	.....	.....	4	2	104,338	33,832	15	.....	2	3
.....	175	135	1,972	.....	.....	9	2	732	132,993	21	.....	6	4
.....	195	114	2,357	.....	.....	10	2	8,878	109,251	12	.....	3	5
.....	142	178	5,640	4,200	.....	.....	3	81,105	.....	19	2	5	6
.....	98	145	1,395	.....	.....	4	2	2,500	62,667	4	.....	7	.....
154	118	105	1,419	.....	.....	2	.....	29,475	24,115	15	.....	3	8
.....	85	103	578	.....	.....	5	1	.....	45,282	8	.....	9	.....
.....	48	157	1,698	.....	.....	1	.....	23,673	11,884	5	.....	10	.....
.....	147	37	254	.....	.....	8	1	.....	20,559	10	.....	11	.....
116	175	28	523	.....	.....	5	2	5,404	12,421	13	.....	12	.....
.....	19	178	976	.....	.....	.....	.....	15,580	.....	5	.....	13	.....
.....	14	276	850	.....	.....	1	.....	8,000	1,931	2	.....	14	.....
.....	14	165	583	.....	.....	.....	.....	9,419	.....	1	.....	15	.....
.....	59	54	687	.....	.....	.....	.....	8,868	.....	5	.....	16	.....
.....	17	174	580	.....	.....	.....	.....	8,225	.....	2	.....	17	.....
.....	18	174	350	50	.....	.....	.....	6,844	.....	2	.....	18	.....
97	117	14	172	.....	.....	8	1	496	6,085	12	.....	2	19
.....	10	115	450	.....	.....	.....	.....	5,148	.....	.....	.....	20	.....
.....	15	33	170	.....	.....	.....	.....	2,260	.....	2	.....	1	21
1,376	2,404	125	46,352	4,250	.....	73	25	530,369	681,134	183	2	38	.....
.....	761	137	11,569	256,074	1
1,376	3,165	131	57,921	4,250	73	25	786,443	681,134	183	2	39

COUNTY

.....	38	130	4,825
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COUNTY

.....	142	135	1,831	54,612
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M'DONOUGH

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	46 mines producing less than 10,000 tons each		20,030				20,030	

SCHUYLER

	LOCAL MINES							
	43 mines producing less than 10,000 tons each		30,977				30,977	

WARREN

	LOCAL MINES							
	7 mines producing less than 10,000 tons each		6,135				6,085	50

BY COUNTIES, FOURTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
530	53	583	14,578	.....	.....	185	.....	332,444	.....	4	53	1	24
159	19	178	4,924	.....	.....	133	.....	80,362	.....	1	12	.....	.....
7,753	639	8,392	267,375	20,380	.....	156	53	4,837,796	954,271	93	424	10	365
8,442	711	9,153	286,877	20,380	.....	157	53	5,250,602	954,271	98	489	11	389

BY COUNTIES, FOURTH DISTRICT

69	13	82	2,668	.....	.....	123	.....	51,024	.....	.....	.....	.....	.....
10	1	11	.....	.....	.....	137	.....	866	.....	.....	.....	.....	.....
60	13	73	1,973	.....	.....	148	.....	41,427	.....	.....	.....	.....	.....
33	2	35	.....	.....	.....	148	.....	6,973	.....	.....	.....	.....	.....
172	29	201	4,641	.....	.....	139	.....	99,384	.....	.....	.....	.....	.....

BY COUNTIES, FOURTH DISTRICT

530	53	583	14,578	.....	.....	185	.....	332,444	.....	4	53	1	24
228	32	260	7,593	.....	.....	124	.....	131,386	.....	1	12	.....	.....
7,813	652	8,465	269,347	20,380	.....	154	53	4,879,223	954,271	93	424	10	365
33	2	35	.....	.....	.....	148	.....	6,073	.....	.....	.....	.....	.....
10	1	11	.....	.....	.....	137	.....	860	.....	.....	.....	.....	.....
8,614	740	9,354	291,517	20,380	.....	148	53	5,349,986	954,271	98	489	11	389

FIFTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Fifth Inspection District, comprising the coal producing counties of Christian, Macon, Moultrie, Shelby, and Vermilion.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	5
Number of shipping mines.....	31
Number of local mines.....	68
Number of employees underground.....	7,452
Number of employees on surface.....	1,038
Total number of employees.....	8,490
Total tons of coal produced.....	6,223,776
Days of active operation, shipping mines, average.....	129
Days of active operation, local mines, average.....	156
Number of fatal accidents.....	19
Number of non-fatal accidents.....	269
Number of employees to each fatal accident.....	447
Number of employees to each non-fatal accident.....	31.6
Tons of coal produced to each fatal accident.....	327,567
Tons of coal produced to each non-fatal accident.....	23,137
Ratio of fatal accidents per 1,000 employees.....	2.24

NEW MINES

Chicago Collieries Company No. 2 mine, Fairmount, and Lone Oak Coal Company, Danville, are the new shipping mines this year.

CHANGE OF NAME

The Electric Coal Company has changed its corporate name to United Electric Coal Company. The Sharon Coal & Brick Company has changed to Sharon Coal Company.

ABANDONED MINES

Two shipping mines have been abandoned, viz.: U. S. Fuel Company's No. 3 mine, Westville, and Vein Six Coal Company's Danville mine.

FATAL ACCIDENTS

July 8, 1921, Matt Shaffer, miner, age 39 years, single, was killed by falling rock in United States Fuel Company's Bunsen mine.

September 15, 1921, Dan Davis, miner, age 41 years, married, was killed in Harrier and Son's mine by a fall of coal. He leaves a widow and four children.

September 27, 1921, Joe Gatantus, miner, age 49 years, single, was killed in United States Fuel Company's No. 4 mine. Deceased was mining off a standing shot when a coal slip gave way, striking him, causing injuries from which he died a few hours later.

October 26, 1921, Charley Stuebe, miner, age 62 years, married, was killed by a fall of rock in United States Fuel Company's No. 4 mine. He leaves a widow.

October 27, 1921, Frank Thomas, miner, age 24 years, married, was killed by a fall of rock in Peabody Coal Company's No. 24 mine. He leaves a widow and one child.

November 21, 1921, Charles E. Zimmer, laborer, age 26 years, single, was killed by a falling car lift in United States Coal Company's Bunsen mine.

COUNTY—concluded.

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
937	376	104	7,900				3	135,800		15	2	13	19
.....	247	109	7,510				2	127,676		16			20
.....	170	207	8,367	100			1	120,920		11		12	21
.....	229	125	6,731				2	117,596		16			522
1,146	115	160	3,057				1	63,780		11			23
75	123	96	2,289				1	38,586		7			324
.....	160	41	1,611					25,439		25			25
.....	100	52	1,360				1	21,698		11			526
7,649	8,392	156	267,375	20,380	.....	53	93	4,837,796	954,271	457	10	365	
.....	48	170	1,379					28,217					1
.....	25	184	594					13,210					
.....	73	182	1,973					41,427					
7,649	8,465	160	269,347	20,380	53	93	5,833,494	954,271	457	10	365	

COUNTY

.....	35	148						6,073					
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in pre-paring and not sold June 30	
Logan.....	2	332,444	184,280	35,936	21,949	72,634	16,497	1,148	.....
Menard.....	1	80,362	49,169	24,653	.....	2,797	3,743	.....	.....
Sangamon.....	26	5,792,067	3,485,025	1,904,325	1,950	281,571	111,547	7,649	.....
Total.....	29	6,204,873	3,718,474	1,964,914	23,899	357,002	131,787	8,797	.....

LOCAL MINES, RECAPITULATION

Menard.....	10	51,024	.....	.....	.....	50,125	899	.....	.....
Morgan.....	3	860	.....	.....	.....	835	25	.....	.....
Sangamon.....	5	41,427	.....	.....	.....	38,914	2,513	.....	.....
Scott.....	13	6,073	.....	.....	.....	5,975	98	.....	.....
Total.....	31	99,384	.....	.....	.....	95,849	3,535	.....	.....

ALL MINES, RECAPITULATION

Logan.....	2	332,444	184,280	35,280	21,949	72,634	16,497	1,148	.....
Menard.....	11	131,386	49,169	24,653	.....	52,922	4,642	.....	.....
Morgan.....	3	860	.....	.....	.....	835	25	.....	.....
Sangamon.....	31	5,833,494	3,485,025	1,904,325	1,950	320,485	114,060	7,649	.....
Scott.....	13	6,073	.....	.....	.....	5,975	98	.....	.....
Total.....	60	6,304,257	3,718,474	1,964,914	23,899	452,851	135,322	8,797	.....

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
768 380	364 219	165 205	7,800 7,778				4	187,440 145,004			1	24	1 2
1,148	583	185	14,578				4	332,444			1	24	

COUNTY

	178	133	4,924				1	80,362		12			1
	14	260	400					11,285					1
	16	272	940					11,172					2
	13	183	364					10,000					3
	39	167	957					18,557					4
	82	195	2,668					51,024					
	260	189	7,592				1	131,386		12			

COUNTY

	11	137						£60					
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COUNTY

	738	145	5,719			29	18		589,587	11		35	1
72	486	209	22,344				3	392,580				22	2
482	217	25,965					3	387,982		27		20	3
497	177	20,261					1	374,077		15	1	33	4
2,009	576	128	4,377	20,000		24	5		364,684	36		18	5
	423	130	17,197				13	316,586		1		39	6
542	331	186	13,522				3	276,657		26		27	7
712	304	206	14,377	25			4	275,227		23	2		8
	335	166	14,271	5			3	269,374		17		22	9
200	320	214	14,200				3	266,071		23	1	12	10
	355	167	11,540				3	265,192		27	1	20	11
960	357	167	12,800	256			3	261,926		22		11	12
900	330	167	11,540				3	233,931		16		18	13
	285	180	11,149				2	197,808		29			14
	260	167	9,974					181,789		18	3	12	15
	259	158	10,125				2	172,123		16		8	16
96	323	111					4	147,868		20		22	17
	211	147	6,455				2	137,100		18		6	18

SAGAMON

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
19	Springfield D.C.M.Co., No. 52	Riverton....	135,800	126,242	.....	.....	4,998	3,623
20	Union Fuel Co., No. 3.....	Auburn.....	127,676	69,903	43,883	.....	10,120	3,770
21	Dawson Coal Co., No. 2.....	Dawson.....	120,920	108,799	5,630	.....	4,000	2,500
22	Union Fuel Co., No. 2.....	Springfield..	117,596	104,640	9,227	.....	3,129	600
23	Lincoln Park C. & B. Co....	Springfield..	63,780	12,222	.....	.....	49,650	762
24	Sangamon Coal Co., No. 3....	Cantrall....	38,586	20,839	15,477	.....	585	1,610
25	Springfield D.C.M.Co., No. 51	Springfield..	25,439	24,482	.....	.....	.....	957
26	Ill. Coal & Coke Corp., No. 2	Auburn.....	21,698	11,510	7,440	.....	850	1,898
Total			5,792,067	3,485,025	1,904,325	1,950	281,571	111,547
LOCAL MINES								
1	Number 12 mine.....	Springfield..	28,217	.....	.....	.....	27,217	1,000
	4 mines producing less than 10,000 tons each.....		13,210	.....	.....	.....	11,697	1,513
Total			41,427	.....	.....	.....	38,914	2,513
Total, all mines.....			5,833,494	3,485,025	1,904,325	1,950	320,485	114,060

SCOTT

LOCAL MINES								
13 mines producing less than 10,000 tons each.....			6,073	.....	.....	.....	5,975	98

NON-FATAL ACCIDENTS, FOURTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bissell Coal Co.....	12	1	538	Asst. Mine Mgr.	1	...	43	Animals.....	3	...	66
C., W. & F. Coal Co., No. 1.....	18	...	1,175	Blacksmiths...	3	...	49	Electricity.....	1	...	50
Citizens Coal Co., "B".....	27	1	1,380	Cagers.....	5	...	74	Fall of roof and sides.....	130	12	55
Dawson Coal Co.....	12	5	303	Couplers.....	3	1	61	Fall of person...	15	1	41
Illinois Coal & Coke Co., No. 1.....	11	1	507	Drivers.....	46	5	56	Flying particles..	10	...	56
Illinois Coal & Coke Co., No. 2.....	5	1	217	Engineer.....	1	...	101	Gas explosion...	6	...	49
Lincoln Park C. & B. Co.....	2	...	100	Laborers.....	25	3	48	Hand tools.....	13	2	46
Madison Coal Corp., No. 6.....	35	1	2,019	Loaders.....	37	...	51	Lifting.....	13	...	56
Panther Creek Mining Corp.....	39	1	1,902	Machinemen...	10	...	68	Machinery.....	1	...	38
Peabody Coal Co., No. 6.....	22	...	1,327	Miners.....	224	22	53	Mining machines	5	...	57
Peerless Coal Co.....	33	7	1,272	Motormen....	4	1	46	Pit cars.....	102	12	54
Sangamon Coal Co., No. 2.....	20	3	1,047	Shot firers...	3	...	63	Powder explosion	6	1	69
Sangamon Coal Co., No. 3.....	3	...	147	Spraggers....	3	...	78	Struck by objects	23	2	47
Sangamon County Mining Co., Jeff..	12	2	488	Superintendent	1	...	30	Miscellaneous...	19	1	54
Sangamon County Mining Co., Link.	24	1	1,298	Timbermen...	9	...	57	Not stated.....	42	1	57
Spring Creek Coal Co.....	22	...	1,124	Trackmen....	6	...	71				
Springfield Co-operative Coal Co....	6	...	313	Trip riders...	7	...	43				
Springfield Dist. Coal M. Co., No. 52	13	1	410	Trapper.....	1	...	36				
Springfield Dist. Coal M. Co., No. 53	22	...	1,148								
Springfield Dist. Coal M. Co., No. 55	20	6	577								
Union Fuel Co., No. 2.....	5	1	194								
Union Fuel Co., No. 5.....	8	...	508								
West End Coal Co.....	10	...	1,124								
Total.....	389	32	19,118		389	32	54		389	32	54

LOGAN

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	SHIPPING MINES							
1	Sangamon Co. M. Co.	Lincoln.....	187,440	134,148	21,760	.....	21,341	9,423
2	Citizens Coal Mining Co.	Lincoln.....	145,004	50,132	14,176	21,949	51,293	7,074
	Total. ....	.....	332,444	184,280	35,936	21,949	72,634	16,497

MENARD

SHIPPING MINES								
1	Union Fuel Co., No. 4.	Athens	80,362	49,169	24,653	.....	2,797	3,743
LOCAL MINES								
1	East View Coal Co.	Greenview ..	11,285	.....	.....	.....	10,571	714
2	Klingbeil Bros. Coal Co.	Petersburg ..	11,172	.....	.....	.....	11,172	.....
3	Johnson Valley Coal Co.	FancyPrairie	10,000	.....	.....	.....	10,000	.....
	7 mines producing less than 10,000 tons each .....	.....	18,567	.....	.....	.....	18,382	185
	Total .....	.....	51,024	.....	.....	.....	50,125	899
	Total, all mines .....	.....	131,386	49,169	24,653	.....	52,922	4,642

MORGAN

LOCAL MINES								
1	3 mines producing less than 10,000 tons each .....	.....	860	.....	.....	.....	835	25

SANGAMON

SHIPPING MINES								
1	Madison Coal Corp., No. 6. .	Divernon ..	589,587	.....	553,879	.....	12,118	23,590
2	Peabody Coal Co., No. 6. .	Sherman ..	392,580	385,802	.....	.....	529	6,177
3	Springfield D.C.M.Co., No. 55	Springfield	387,982	151,435	225,551	.....	6,119	4,877
4	Peerless Coal Co.	Springfield	374,077	309,364	57,437	1,950	280	5,046
5	C. W. & F. Coal Co., No. 1. .	Thayer	364,684	183,330	161,675	.....	5,074	12,596
6	Panther Ck. C. Co., Inc., No. 1	Auburn	346,586	100,360	234,999	.....	6,043	5,184
7	Citizens Coal M. Co., "B". .	Springfield	276,657	235,198	35,858	.....	3,907	1,152
8	Springfield D.C.M.Co., No. 57	Springfield	275,227	230,267	.....	.....	41,177	3,071
9	Spring Creek Coal Co.	Springfield	269,374	99,522	165,613	.....	226	4,013
10	Sangamon Co. M. Co., Jeff. .	Springfield	266,071	172,671	89,000	.....	4,200	200
11	Sangamon Coal Co., No. 2. .	Springfield	265,192	189,027	62,250	.....	6,515	7,200
12	Ill. Coal & Coke Corp., No. 1	Springfield	261,926	254,365	.....	.....	2,784	3,817
13	West End Coal Co.	Springfield	233,931	98,415	92,236	.....	38,000	4,380
14	Chicago-Springfield C. Co. .	Springfield	197,808	128,796	64,098	.....	1,262	3,652
15	Bissell Coal Co.	Springfield	181,789	169,341	11,564	.....	359	525
16	Union Fuel Co., No. 5. .	Selbytown ..	172,123	121,505	46,629	.....	1,640	2,349
17	Springfield D.C.M.Co., No. 53	Springfield	147,868	112,582	.....	.....	32,783	2,407
18	Springfield Co-op. Coal M.Co.	Springfield	137,110	64,417	21,880	.....	45,223	5,590

November 22, 1921, James Fahey, laborer, age 54 years, married, employed by United Electric Coal Company at mine No. 1, was killed. Deceased was riding on rear of engine and fell off, the engine running over him, killing him instantly. He leaves a widow and one child.

December 7, 1921, Joe McAdams, mine examiner, age 34 years, married, was killed by gas explosion in Smith-Lohr Coal Company's mine. He leaves a widow and four children.

December 13, 1921, William Quick, driver, age 30 years, married, was killed by a fall of rock in L. and C. Coal Company's mine. He leaves a widow and four children.

January 4, 1922, Doric Malavolti, machine runner, age 29 years, single, was electrocuted by coming in contact with a mining machine in Peabody Coal Company's No. 9 mine.

January 13, 1922, Cecil Ettinger, laborer, age 20 years, married, was killed at Peabody Coal Company's No. 9 mine by being struck with a cable which had broken while being used to pull empty cars to tippie. He leaves a widow.

January 20, 1922, John Favero, miner, age 45 years, married, was killed by a fall of coal in Peabody Coal Company's No. 7 mine. He leaves a widow and seven children.

February 22, 1922, Joe Burtucci, shot firer, age 54 years, married, was killed in Springfield District Coal Company's No. 58 mine by a shot explosion. He leaves a widow.

February 26, 1922, Gus Melzer, shot firer, age 26 years, married, and Ernest Eggerman, shot firer, age 36 years, married, died from injuries received from a shot explosion on February 21 in Springfield District Coal Company's No. 58 mine. Melzer leaves a widow and one child and Eggerman leaves a widow and four children.

March 1, 1922, Charles Monetti, shot firer, age 27 years, married, died from injuries received February 21 from a shot explosion in Springfield District Coal Mining Company's No. 58 mine. He leaves a widow and one child.

March 3, 1922, William Durko, miner, age 65 years, married, died from injuries received February 28 by a fall of coal in Decatur Coal Company's No. 2 mine. He leaves a widow.

March 13, 1922, Jacob Campbell, miner, age 51 years, married, died from injuries received one week previous in United States Fuel Company's Vermilion mine by a fall of coal. He leaves a widow.

March 23, 1922, Louis Leitard, miner, age 41 years, married, was killed by a fall of coal in Peabody Coal Company's No. 24 mine. He leaves a widow and one child.

Respectfully submitted,

JOSEPH HASKINS, *Inspector.*

-NON-FATAL ACCIDENTS, FIFTH DISTRICT

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 8	Matt Shaffer	39	Miner	Westville	U. S. Fuel Co.	Bursen	1	1	1	1	1	Falling slate
Sept. 15	Dan Davis	41	Miner	Grape Creek	Harrington & Son	1	1	1	1	4	5	Falling coal
Sept. 27	Joe Gatautis	49	Miner	Westville	U. S. Fuel Co.	4	1	1	1	1	1	Falling rock
Oct. 26	Charley Stuebe	62	Miner	Danville	U. S. Fuel Co.	24	1	1	1	1	2	Falling rock
Oct. 27	Frank Thomas	24	Miner	Danville	Peabody Coal Co.	Bursen	1	1	1	1	2	Falling car lift
Nov. 21	Charles E. Zimmer	26	Laborer	Georgetown	U. S. Fuel Co.	1	1	1	1	1	2	Engine
Nov. 22	James Fahey	54	Laborer	Oakwood	United Electric Coal Co.	1	1	1	1	1	5	Gas explosion
Dec. 7	Joe McAdams	34	Mine Ex.	Pana	Smith-Lohr Coal Co.	1	1	1	1	4	5	Falling rock
Dec. 13	William Quack	30	Driver	Richland	L. & C. Coal Co.	1	1	1	1	1	1	Falling rock
1922												
Jan. 4	Doric Malavolti	29	Mch. run.	Taylorville	Peabody Coal Co.	9	1	1	1	1	1	Electrocuted
Jan. 13	Cecil Ettinger	20	Laborer	Taylorville	Peabody Coal Co.	9	1	1	1	1	1	Struck by cable
Jan. 20	John Favero	45	Miner	Kincaide	Peabody Coal Co.	7	1	1	1	1	7	Falling coal
Feb. 22	Joe Burtucci	54	Shot firer	Taylorville	Springfield Dist. C. Co.	58	1	1	1	1	8	Shot explosion
Feb. 26	Gus Melzer	26	Shot firer	Taylorville	Springfield Dist. C. Co.	58	1	1	1	1	2	Shot explosion
Feb. 26	Ernest Eggerman	36	Shot firer	Taylorville	Springfield Dist. C. Co.	58	1	1	1	1	5	Shot explosion
Mar. 1	Chas. Monetti	27	Shot firer	Taylorville	Springfield Dist. C. Co.	58	1	1	1	1	1	Shot explosion
Mar. 3	William Durbo	65	Miner	Decatur	Peabody Coal Co.	2	1	1	1	1	1	Falling coal
Mar. 13	Jacob Campbell	51	Miner	Danville	U. S. Fuel Co.	Verm.	1	1	1	1	1	Falling coal
Mar. 23	Louis Leitard	41	Miner	Westville	Peabody Coal Co.	24	1	1	1	1	2	Falling coal

FATAL CASUALTIES, FIFTH DISTRICT, JUNE 30, 1922

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Assumption Coal Co.....	4	...	207	Blacksmith...	1	...	81	Animals.....	4	...	78
Brady-Branch Coal Co.....	4	...	177	Cager.....	1	...	100	Boiler explosion...	2	...	64
Chicago Col. Co.....	1	...	33	Carpenters....	2	...	111	Cage.....	9	...	181
Contract Mining Co.....	1	...	32	Coupler.....	1	...	30	Electricity.....	7	...	67
Decatur Coal Co.....	16	2	1,185	Drivers.....	23	2	52	Fall of person...	9	...	53
Hegeler Zinc Co.....	1	...	45	Engineer.....	1	...	87	Fall of roof.....	92	9	64
Lovington Coal Mining Co.....	4	...	372	Fireman.....	1	...	45				
Macon County Coal Co.....	8	2	264	Foreman.....	4	...	105	Flying particles..	2	...	39
Moweaqua C. M. & Mfg. Co.....	4	1	119	Laborers.....	17	1	67	Gas explosion...	1	...	120
Pana Coal Co., No. 1.....	6	1	285	Loaders.....	94	9	73	Hard Tools.....	10	...	49
Pana Coal Co., No. 2.....	11	2	590	Machinemen...	20	...	51	Lifting.....	11	3	79
Peabody Coal Co., No. 7.....	31	...	3,054	Mine manager..	1	...	120	Machinery.....	5	...	51
Peabody Coal Co., No. 8.....	33	3	1,639	Miners.....	77	9	66	Mining machine..	5	...	57
Peabody Coal Co., No. 9.....	25	...	1,637	Motorman.....	1	...	50	Pit car.....	65	8	52
Peabody Coal Co., No. 21.....	5	1	248	Timbermen...	10	...	56	Railway car.....	1	...	55
Peabody Coal Co., No. 24.....	32	1	1,826	Trackman.....	1	...	40	Shot explosion...	3	...	111
Penwell Coal Mining Co.....	7	...	260	Trappers.....	2	...	51	Struck by objects	16	1	68
Springfield Dist. Coal M. Co., No. 58	4	...	192	Trip riders....	12	1	43	Miscellaneous...	14	1	59
Smith-Lohr Coal Co.....	9	...	395					Not stated.....	15	...	52
Standard Coal Co.....	1	...	120								
Taylor-English Coal Co., No. 2.....	14	4	536								
United Electric Coal Co., No. 1.....	2	...	98								
United Electric Coal Co., No. 4.....	1	...	68								
United Electric Coal Co., No. 5.....	1	...	47								
United Electric Coal Co., No. 6.....	1	...	38								
U. S. Fuel Co., Bunsen.....	7	...	382								
U. S. Fuel Co., Vermilion.....	18	1	1,102								
U. S. Fuel Co., No. 4.....	17	3	1,158								
West Tilton Coal Co.....	1	1	.....							
Total.....	269	22	16,109		269	22	65		269	22	65

CHRISTIAN

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	SHIPPING MINES							
1	Peabody Coal Co., No. 8....	Tovey.....	718,823	624,863	85,884	.....	6,994	852
2	Peabody Coal Co., No. 7....	Kincaid.....	708,223	464,282	234,855	.....	8,447	639
3	Peabody Coal Co., No. 9....	Taylorville....	571,577	567,743	2,393	.....	1,043	398
4	Penwell Coal Mining Co.....	Pana.....	239,667	206,554	.....	.....	15,820	9,600
5	Pana Coal Co., No. 2.....	Pana.....	158,122	60,287	54,475	32,512	1,962	6,123
6	Springfield D.C.M.Co.,No. 58	Taylorville..	141,616	27,873	70,607	.....	38,551	3,779
7	Peabody Coal Co., No. 21....	Stonington..	109,675	61,472	37,898	.....	5,923	3,840
8	Smith-Lohr Coal Mining Co.	Pana.....	52,380	46,270	.....	.....	2,232	3,580
9	Pana Coal Co., No. 1.....	Pana.....	43,065	17,386	13,259	4,862	3,083	2,878
10	Assumption C. & M.Co.,No. 1	Assumption..	35,834	23,184	.....	.....	5,535	5,066
11	Christian Co. Mining Co....	Edinburg....	12,128	4,977	.....	.....	6,620	531
	Total .....	.....	2,791,110	2,105,891	499,371	37,374	96,210	37,286

MACON

SHIPPING MINES								
1	Macon Co. Coal Co., M.C....	Decatur....	110,698	16,038	.....	.....	90,741	3,070
2	Decatur Coal Co., No. 2....	Decatur....	79,144	12,241	.....	.....	58,665	8,038
3	Niantic Carbon Coal Co....	Niantic.....	11,484	9,205	.....	.....	1,629	650
Total.....			201,326	37,484	.....	.....	151,035	11,758

MOULTRIE

SHIPPING MINES								
1	Lovington Coal M. Co., No. 1	Lovington....	152,436	46,620	86,870	.....	8,560	8,216

SHELBY

SHIPPING MINES								
1	Moweaqua C. & M. Co., No. 1	Moweaqua....	58,147	42,677	.....	.....	10,337	4,800
LOCAL MINES								
5 mines producing less than 10,000 tons each.....			9,593	.....	.....	.....	9,593	.....
Total, all mines.....			67,740	42,677	.....	.....	19,930	4,800

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
230	597	186	8,947	16,077	.....	41	55	.....	718,823	.....	.....	33	1
.....	626	179	.....	.....	.....	40	19	.....	708,223	1	1	31	2
.....	427	185	7,078	.....	.....	34	8	.....	571,577	21	2	25	3
7,693	338	143	2,934	.....	.....	1	2	225,667	14,000	17	.....	7	4
2,763	394	108	2,067	.....	.....	10	2	.....	158,122	17	.....	11	5
806	365	134	6,413	.....	.....	.....	8	141,616	.....	2	4	4	6
542	233	93	1,051	.....	.....	11	3	.....	109,675	23	.....	5	7
298	245	45	835	.....	.....	.....	2	52,380	.....	15	1	9	8
1,597	270	30	346	.....	.....	.....	.....	43,065	.....	.....	.....	6	9
1,049	95	107	168	.....	.....	1	1	11,944	23,890	6	.....	4	10
.....	44	57	425	50	.....	.....	.....	12,128	.....	1	.....	.....	11
14,978	3,634	115	30,264	16,127	.....	138	100	486,800	2,304,310	103	8	135	

COUNTY

849	189	215	.....	700	.....	6	3	.....	110,698	21	.....	8	1
200	183	180	.....	.....	.....	.....	2	79,144	.....	22	1	16	2
.....	72	50	800	.....	.....	.....	.....	11,484	.....	.....	.....	.....	3
1,049	444	148	800	700	6	5	90,628	110,698	43	1	24	

COUNTY

2,170	213	161	1,012	200	3	1	141,537	10,899	12	4	1
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COUNTY

333	127	108	1,415	8	1	58,147	8	4	1
.....	37	153	1	9,593	
333	164	129	1,415	9	1	67,740	8	4	

Number	Name of operator	Post office address of the mine	Disposition of output—ton					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	United States Fuel Co., Verm.	Georgetown.	693,732	525,551	145,350	.....	12,065	10,766
2	Peabody Coal Co., No. 24...	Danville....	537,530	238,294	288,936	.....	2,487	7,275
3	United States Fuel Co., No. 4.	Westville....	327,021	143,767	168,507	.....	6,656	8,091
4	United States Fuel Co., Bunsen	Georgetown.	283,973	207,210	68,472	.....	568	7,723
5	United Electric Coal Co., No. 1	Danville....	221,870	113,029	99,841	.....	3,000	6,000
6	Brady Branch Coal Co.....	Tilton.....	209,962	7,060	200,637	.....	2,265	.....
7	Taylor-English Coal Co., No. 2	Catlin.....	141,700	15,181	122,855	.....	3,664	.....
8	United Electric Coal Co., No. 6	Danville....	135,320	71,426	60,894	.....	2,500	500
9	United Electric Coal Co., No. 4	Danville....	92,310	24,000	66,810	.....	.....	1,500
10	United Electric Coal Co., No. 5	Danville....	82,245	18,490	62,755	.....	.....	1,000
11	Chicago Collieries Co.....	Catlin.....	15,229	7,245	7,984	.....	.....	.....
12	I. and I. Coal Co.....	Georgetown.	11,141	8,838	1,732	.....	571	.....
13	Sharon Coal Co.....	Georgetown.	10,361	3,866	.....	.....	4,523	1,972
14	Chicago Collieries Co., No. 1.	Fairmount..	2,189	.....	2,189	.....	.....	.....
15	Lone Oak Coal Co.....	Danville....	1,826	1,626	.....	.....	200	.....
Total.....			2,766,409	1,385,583	1,296,962	.....	38,499	44,827
LOCAL MINES								
1	Hegeler Zinc Co.....	Danville....	40,863	.....	.....	.....	.....	40,863
2	Contract Mining Co.....	Danville....	88,395	.....	.....	.....	88,395	.....
61 mines producing less than 10,000 tons each.....			115,497	.....	.....	.....	111,417	4,080
Total.....			244,755	.....	.....	.....	199,812	44,943
Total, all mines.....			3,011,164	1,385,583	1,296,962	.....	238,311	89,770

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	880	176	14,009	.....	.....	23	7	172,265	521,467	41	1	18	1
538	618	204	12,056	.....	.....	17	4	163,305	374,225	36	2	32	2
.....	492	171	11,804	.....	.....	.....	4	327,021	.....	26	2	17	3
.....	452	169	8,154	.....	.....	8	2	145,232	138,741	24	2	7	4
.....	111	184	1,041	2,500	1,500	.....	.....	221,870	.....	.....	1	2	5
.....	223	236	5,334	.....	.....	6	1	89,256	120,706	13	.....	4	6
.....	244	143	2,344	.....	.....	6	.....	14,809	126,891	30	.....	14	7
.....	197	172	2,500	450	.....	.....	.....	135,320	.....	.....	.....	1	8
.....	68	123	500	1,200	.....	.....	.....	92,310	.....	.....	.....	1	9
.....	60	128	400	1,050	.....	.....	.....	82,245	.....	.....	.....	1	10
.....	38	44	.....	.....	.....	.....	.....	15,229	.....	.....	.....	1	11
.....	35	97	.....	.....	.....	.....	.....	11,141	.....	.....	.....	.....	12
.....	80	135	863	.....	.....	.....	.....	10,361	.....	4	.....	.....	13
.....	111	10	76	.....	.....	.....	.....	2,189	.....	.....	.....	.....	14
.....	20	28	.....	.....	.....	.....	.....	1,826	.....	2	.....	.....	15
538	3,629	135	59,081	5,200	1,500	60	18	1,484,379	1,282,030	176	8	98	
.....	91	239	1,900	.....	.....	.....	.....	88,395	.....	.....	.....	1	1
.....	65	138	888	.....	.....	.....	.....	40,863	.....	.....	.....	1	2
.....	250	155	4,198	.....	.....	.....	.....	115,497	.....	.....	2	2	3
.....	406	157	6,986	.....	.....	.....	.....	244,755	.....	.....	2	4	
538	4,035	151	66,067	5,200	1,500	60	18	1,729,134	1,282,030	176	10	102	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and, not sold June 30	
Christian.....	11	2,791,110	2,105,891	499,371	37,374	96,210	37,286	14,978	33,103
Macon.....	3	201,326	37,484	.....	.....	155,035	11,758	1,049	.....
Moultrie.....	1	152,436	46,620	86,870	.....	8,560	8,216	2,170	.....
Shelby.....	1	58,147	42,677	.....	.....	10,337	4,800	333	.....
Vermilion.....	15	2,766,409	1,385,583	1,296,962	.....	38,499	44,827	538	.....
Total.....	31	5,969,428	3,618,255	1,883,203	37,374	304,641	106,887	19,068	33,103

LOCAL MINES, RECAPITULATION

Shelby.....	5	9,593	.....	.....	.....	9,593	.....	.....	.....
Vermilion.....	63	244,755	.....	.....	.....	199,812	44,943	.....	.....
Total.....	68	254,348	.....	.....	.....	209,405	44,943	.....	.....

ALL MINES, RECAPITULATION

Christian.....	11	2,791,110	2,105,891	499,371	37,374	96,210	37,286	14,978	33,103
Macon.....	3	201,326	37,484	.....	.....	151,035	11,758	1,049	.....
Moultrie.....	1	152,436	46,620	86,870	.....	8,560	8,216	2,170	.....
Shelby.....	6	67,740	42,677	.....	.....	19,930	4,800	333	.....
Vermilion.....	78	3,011,164	1,385,583	1,296,962	.....	238,311	89,770	538	.....
Total.....	99	6,223,776	3,618,255	1,883,203	37,374	514,046	151,830	19,068	33,103

BY COUNTIES, FIFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
3,259	375	3,634	30,264	16,127	.....	115	138	486,800	2,304,310	100	103	8	135
388	56	444	800	700	.....	148	6	90,628	110,698	5	43	1	24
195	18	213	1,012	200	.....	161	3	141,537	10,899	1	.....	.....	4
116	11	127	1,415	.....	.....	108	8	.....	58,147	1	8	.....	4
3,108	521	3,629	59,081	5,200	1,500	135	60	1,484,379	1,282,030	18	176	8	98
7,066	981	8,047	92,572	22,227	1,500	129	215	2,203,344	3,766,084	125	330	17	265

BY COUNTIES, FIFTH DISTRICT

34	3	37	.....	.....	.....	153	1	.....	9,593	.....	.....	.....	.....
352	54	406	6,986	.....	.....	157	.....	244,755	.....	.....	.....	2	4
386	57	443	6,986	.....	.....	156	1	244,755	9,593	.....	.....	2	4

BY COUNTIES, FIFTH DISTRICT

3,259	375	3,634	30,264	16,127	.....	115	138	486,800	2,304,310	100	.....	8	135
388	56	444	800	700	.....	148	6	90,628	110,698	5	43	1	24
195	18	213	1,012	200	.....	161	3	141,537	10,899	1	.....	.....	4
150	14	164	1,415	.....	.....	129	9	.....	67,740	1	8	.....	4
3,460	575	4,035	56,067	5,200	1,500	152	60	1,729,134	1,282,030	18	176	10	102
7,452	1,038	8,490	99,558	22,227	1,500	148	216	2,448,099	3,775,677	125	330	19	269

SIXTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Sixth Inspection District, comprising the coal producing counties of Greene, Jersey, Macoupin, and Montgomery.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	22
Number of local mines.....	8
Number of employees underground.....	10,071
Number of employees on surface.....	880
Total number of employees.....	10,951
Total tons of coal produced.....	7,527,996
Days of active operation, shipping mines, average.....	127
Days of active operation, local mines, average.....	151
Number of fatal accidents.....	15
Number of non-fatal accidents.....	571
Number of employees to each fatal accident.....	730
Number of employees to each non-fatal accident.....	19.2
Tons of coal produced to each fatal accident.....	501,866
Tons of coal produced to each non-fatal accident.....	13,184
Ratio of fatal accidents per 1,000 employees.....	1.37

THE FOLLOWING MINES WERE NOT IN OPERATION DURING THE PAST YEAR

Union Fuel Company's No. 1, Nilwood, and No. 6, Girard; Indiana and Illinois Coal Corporation's No. 14 mine, Witt; and Clover Leaf Coal Mining Company's mine, Coffeen.

FATAL ACCIDENTS

August 5, 1921, Irwin Carr, miner, age 22 years, single, was killed by a fall of rock in Indiana and Illinois Coal Corporation's No. 11 mine.

September 27, 1921, Pete Sadowski, miner, age not given, married, died from blood poison as a result of an injury to the finger received eight days previous in Superior Coal Company's No. 4 mine. He leaves a widow.

October 31, 1921, John Pirrek, miner, age 37 years, married, died from injuries received three days before in Shoal Creek Coal Company's mine by a fall of coal. He leaves a widow and two children.

October 31, 1921, Thomas Dungen, miner, age 56 years, married, was injured October 28 by a shot explosion in Superior Coal Company's No. 4 mine, from the effect of which he died in Litchfield Hospital. He leaves a widow.

November 14, 1921, Peter W. Slagel, miner, age 59 years, widower, was killed by a cage in Illinois Coal and Coke Corporation's No. 4 mine. He leaves seven dependent children.

November 18, 1921, John Reckart, miner, age 42 years, single, was killed in Hillsboro Coal Company's mine by a fall of coal.

November 29, 1921, John C. Miller, Jr., face boss, age 29 years, married, died from injuries received by a fall of slate in Consolidated Coal Company's No. 7 mine on November 5. He leaves a widow and two children.

December 2, 1921, James Chadwick, miner, age 40 years, married, was killed by falling slate in Superior Coal Company's No. 4 mine. He leaves a widow and three children.

December 4, 1921, Primo Zaucichelli, miner, age 38 years, married, was killed by a fall of rock in Standard Oil Company's No. 1 mine. He leaves a widow and three children.

January 16, 1922, Dominic Deright, driver, age 20 years, single, was caught between a car and rib and killed in Shoal Creek Coal Company's mine. He leaves his mother dependent.

March 9, 1922, George Moslowski, miner, age 30 years, married, died from injuries received the previous day by a fall of coal in Standard Oil Company's No. 1 mine. He leaves a widow and one child.

March 11, 1922, John Marusak, miner, age 50 years, married, was run over by a pit car and killed in Superior Coal Company's No. 1 mine. He leaves a widow and six children.

March 11, 1922, Camillio Baruella, trip rider, age 21 years, single, died from injuries received two days previous by being caught between pit cars in mine No. 4, Superior Coal Company. He leaves his mother dependent.

March 29, 1922, B. Marak, miner, age 60 years, married, died from injuries received five days previous from a fall of rock in Shoal Creek Coal Company' mine. He leaves a widow and one child.

April 26, 1922, John Yonkers, machine runner, age 28 years, single, died from injuries received January 18 by a fall of clod in Bartels Coal Company' mine. He leaves his mother dependent.

Respectfully submitted,

JOHN G. MILLHOUSE, *Inspector.*

FATAL CASUALTIES, SIXTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921	Irwin Carr		Miner	Coffeen	Ind. & Ill. Coal Corp.	11		1				Falling rock
Aug. 5	Pete Sadowski	22	Miner	Wilsonville	Superior Coal Co.	4	1		1		1	Blood poison, from injured thumb
Sept. 27	Thomas Dungen	56	Miner	Wilsonville	Superior Coal Co.	4	1		1		1	Shot explosion
Oct. 31	John Piprek	37	Miner	Panama	Shoal Creek Coal Co.	1	1		1		3	Falling coal
Oct. 31	Peter W. Slagle	59	Miner	Grard	Ill. Coal Corp.	4	1		1	2	7	Cage
Nov. 14	John Reckart	42	Miner	Hillsboro	Hillsboro Coal Co.	7	1		1	2	3	Falling coal
Nov. 18	John C. Miller	29	Face boss	Stanton	Consolidated Coal Co.	4	1		1	3	4	Falling slate
Nov. 29	John C. Chadwick	40	Miner	Bunker Hill	Superior Coal Co.	4	1		1	3	4	Falling rock
Dec. 2	James Chadwick	40	Miner	Carlinville	Standard Oil Co. (Ind.)	1	1		1		1	Pit car
Dec. 4	Primo Zautichelli	38	Miner	Carlinville	Standard Oil Co. (Ind.)	1	1		1		1	Pit car
1922	Dominic Deright		Driver	Panama	Shoal Creek Coal Co.	1	1		1	1	2	Falling coal
Jan. 16	George Moslowski	20	Miner	Carlinville	Standard Oil Co. (Ind.)	1	1		1	1	2	Pit car
Mar. 9	Camillio Batuello	21	Trip rider	Wilsonville	Superior Coal Co.	4	1		1	6	7	Pit car
Mar. 11	John Marusak	50	Miner	Benld	Superior Coal Co.	1	1		1	1	2	Falling rock
Mar. 29	B. Marak	60	Miner	Panama	Shoal Creek Coal Co.	1	1		1		1	Falling rock
April 26	John Yonkers	28	Mch. run	Collinsville	Bartels Coal Co.	1		1				Falling clod

NON-FATAL ACCIDENTS, SIXTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bartels Coal Co.	4	...	201	Blacksmiths.	2	...	59	Animal.	11	1	48
Consolidated Coal Co., No. 7.	61	1	3,669	Cagers.	2	...	54	Fall of roof and side.	128	14	56
Consolidated Coal Co., No. 14.	55	4	3,159	Carpenter.	1	...	116	Fall of person.	42	2	64
Consolidated Coal Co., No. 15.	36	1	1,615	Couplers.	3	...	78	Flying particles.	26	2	60
Gillespie Coal Co.	17	4	831	Drivers.	34	3	59	Hand tools.	10	...	47
Hillsboro Coal Co.	7	1	225	Engineers.	2	...	45	Lifting.	115	18	62
Illinois Coal & Coke Corp., No. 3.	2	1	37	Foremen.	2	...	78	Mining machine.	20	3	64
Illinois Coal & Coke Corp., No. 4.	7	3	170	Laborers.	58	3	58	Motor.	3	...	94
Indiana & Illinois Coal Corp., No. 10.	28	15	716	Loaders.	310	32	56	Pit car.	81	7	59
Indiana & Illinois Coal Corp., No. 11.	26	2	1,455	Machinemen.	61	7	65	Struck by object.	91	3	49
Indiana & Illinois Coal Corp., No. 12.	8	3	233	Miners.	13	2	57	Miscellaneous.	30	3	57
Indiana & Illinois Coal Corp., No. 15.	25	3	1,448	Motormen.	15	2	61	Not stated.	14	2	64
Madison Coal Corp., No. 5.	21	2	1,236	Spragger.	1	...	75				
Nokomis Coal Co.	27	5	1,050	Timbermen.	17	1	62				
Royal Coal Co.	14	...	908	Trackmen.	17	2	56				
Shoal Creek Coal Co.	27	5	1,104	Trappers.	2	...	44				
Standard Oil Coal Co., No. 1.	34	3	1,940	Trip riders.	31	3	55				
Standard Oil Coal Co., No. 2.	2	1	33								
Superior Coal Co., No. 1.	33	...	1,986								
Superior Coal Co., No. 2.	50	...	2,666								
Superior Coal Co., No. 3.	41	...	2,388								
Superior Coal Co., No. 4.	46	1	2,574								
Total.	571	55	29,944		571	55	58		571	55	58

GREENE

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	5 mines producing less than 10,000 tons each.....	.....	3,041	.....	.....	.....	3,041	.....

JERSEY

LOCAL MINE								
	1 mine producing less than 10,000 tons.....		1,500				1,500	

MACOUPIN

SHIPPING MINES								
1	Superior Coal Co., No. 3....	Gillespie....	836,321		813,525		8,646	14,150
2	Superior Coal Co., No. 1....	Gillespie....	684,994		666,037		6,589	12,368
3	Superior Coal Co., No. 2....	Gillespie....	682,148		662,480		5,241	14,427
4	Superior Coal Co., No. 4....	Gillespie....	649,419		632,491		3,677	13,251
5	Consolidated Coal Co., No. 7.	Staunton....	504,780	338,703	141,760			9,974
6	Standard Oil Co. (Ind.), No. 1	Carlinville....	500,922	484,538	307		5,575	10,502
7	Consolidated Coal Co., No. 15	Staunton....	382,288	172,436	190,523		1,410	17,919
8	Illinois C. & C. Corp., No. 3.	Viriden....	265,450	247,717			7,887	8,223
9	Madison Coal Corp., No. 5....	Mt. Olive....	230,026		203,361	13,229	2,714	9,410
10	Consolidated Coal Co., No. 4.	Staunton....	218,082	83,975	113,863			16,494
11	Gillespie Coal Co.....	Gillespie....	189,182	4,897	180,208		3,877	200
12	Royal Colliery Co.....	Viriden....	139,347	21,577	111,550		844	5,376
13	Illinois C. & C. Corp., No. 4.	Girard....	68,803	43,331	13,605		7,178	3,444
14	Standard Oil Co. (Ind.), No. 2	Carlinville....	45,607	39,170		685	67	4,451
15	Bartels Coal Co.....	Carlinville....	40,955	21,420			17,434	2,055
Total.....			5,438,324	1,457,764	3,729,710	13,914	71,139	142,244
LOCAL MINES								
	2 mines producing less than 10,000 tons each.....		6,183				5,973	210
Total, all mines.....			5,444,507	1,457,764	3,729,710	13,914	77,112	142,454

MONTGOMERY

SHIPPING MINES								
1	Nokomis Coal Co., No. 1....	Nokomis....	574,719	549,776			6,628	15,436
2	Shoal Creek Coal Co., No. 1.	Panama....	419,128	130,447	252,085		3,907	7,184
3	Ind. & Ill. Coal Corp., No. 15	Taylor Spgs....	298,856	113,947	171,710		5,138	7,322
4	Hillsboro Coal Co.....	Hillsboro....	259,731	220,203	15,347		12,958	11,223
5	Ind. & Ill. Coal Corp., No. 11	Hillsboro....	238,389	23,187	208,300		2,278	4,407
6	Ind. & Ill. Coal Corp., No. 10	Nokomis....	145,458	126,418	17,397		1,395	242
7	Ind. & Ill. Coal Corp., No. 12	Witt.....	142,667	10,986	126,245		2,717	2,617
Total.....			2,078,948	1,174,964	791,084		35,021	48,431

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	24	111	140	3,041	1

COUNTY

.....	4	200	1,500	1
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COUNTY

.....	738	168	4,940	23	19	836,321	6	41	1
.....	779	171	5,608	26	13	684,994	27	1	33	2
.....	731	145	4,076	18	10	682,148	29	50	3
.....	698	165	5,633	.....	.....	24	18	.....	649,419	.....	4	46	4
.....	687	127	3,088	.....	.....	21	14	.....	504,780	23	1	61	5
.....	540	189	8,014	.....	.....	22	13	.....	500,922	1	2	34	6
.....	627	91	2,321	.....	.....	18	5	.....	382,288	36	.....	36	7
.....	360	154	5,327	.....	.....	11	3	60,033	205,417	23	.....	2	8
.....	277	158	1,239	.....	.....	20	3	.....	230,026	20	.....	21	9
3,750	668	55	1,405	.....	.....	18	11	.....	218,082	15	.....	55	10
.....	159	214	1,860	.....	.....	7	1	.....	189,182	10	.....	17	11
.....	458	62	2,239	.....	.....	22	4	.....	139,347	30	.....	14	12
1,245	302	59	1,804	.....	.....	8	3	25,957	42,846	15	1	7	13
1,234	353	54	1,084	.....	.....	30	11	.....	45,607	1	.....	2	14
46	66	165	570	.....	.....	6	.....	.....	40,955	3	1	4	15
23,553	7,443	132	49,208	.....	.....	274	128	85,990	5,352,334	239	10	423	.....
.....	20	225	231	.....	.....	.....	.....	6,183	.....	.....	.....	.....	1
23,553	7,463	143	49,439	.....	.....	274	128	92,173	5,352,334	239	10	423	.....

COUNTY

2,879	772	144	6,455	.....	.....	29	4	107,967	466,752	.....	.....	27	1
25,505	564	142	.....	.....	.....	25	7	.....	419,128	33	3	27	2
739	459	121	3,937	.....	.....	31	16	.....	298,856	.....	.....	25	3
.....	291	175	2,115	.....	.....	10	5	.....	259,731	22	1	7	4
217	457	120	2,308	500	.....	21	3	.....	238,389	54	1	26	5
6	436	54	1,602	.....	.....	32	12	52,161	93,297	.....	.....	28	6
102	481	62	1,295	.....	.....	14	4	42,526	100,141	32	.....	8	7
29,448	3,460	117	17,712	500	.....	162	51	202,654	1,876,294	141	5	148	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Macoupin.....	15	5,438,324	1,457,764	3,729,710	13,914	71,139	142,244	23,553	329,629
Montgomery....	7	2,078,948	1,174,964	791,084	.....	35,021	48,431	29,448	108,871
Total.....	22	7,517,272	2,632,728	4,520,794	13,914	106,160	190,675	53,001	438,500

LOCAL MINES, RECAPITULATION

Green.....	1	3,041	.....	.....	.....	3,041	.....	.....	.....
Jersey.....	5	1,500	.....	.....	.....	1,500	.....	.....	.....
Macoupin.....	2	6,183	.....	.....	.....	5,973	210	.....	.....
Total.....	8	10,724	.....	.....	.....	10,514	210	.....	.....

ALL MINES, RECAPITULATION

Green.....	1	3,041	.....	.....	.....	3,041	.....	.....	.....
Jersey.....	1	1,500	.....	.....	.....	1,500	.....	.....	.....
Macoupin.....	17	5,444,507	1,457,764	3,729,710	13,914	77,112	142,454	23,553	329,629
Montgomery....	7	2,078,948	1,174,964	791,084	.....	35,021	48,431	29,448	108,871
Total.....	30	7,527,996	2,632,728	4,520,794	13,914	116,674	190,885	53,001	438,500

BY COUNTIES, SIXTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
6,873	570	7,443	49,208	.....	.....	132	274	85,990	5,352,334	128	239	10	423
3,161	299	3,460	17,712	500	.....	117	162	202,654	1,876,294	51	141	5	148
10,034	869	10,903	66,920	500	.....	127	436	288,644	7,228,628	179	380	15	571

BY COUNTIES, SIXTH DISTRICT

18	6	24	140	.....	.....	111	.....	3,041	.....	.....	.....	.....	.....
3	1	4	.....	.....	.....	200	.....	1,500	.....	.....	.....	.....	.....
16	4	20	231	.....	.....	225	.....	6,183	.....	.....	.....	.....	.....
37	11	48	371	.....	.....	151	.....	10,724	.....	.....	.....	.....	.....

BY COUNTIES, SIXTH DISTRICT

18	6	24	140	.....	.....	111	.....	3,041	.....	.....	.....	.....	.....
3	1	4	.....	.....	.....	200	.....	1,500	.....	.....	.....	.....	.....
6,889	574	7,463	49,439	.....	.....	143	274	92,173	5,352,334	128	239	10	423
3,161	299	3,460	17,712	500	.....	117	162	202,654	1,876,294	51	141	5	148
10,071	880	10,951	57,291	500	.....	133	436	299,368	7,228,628	179	380	15	571

SEVENTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Seventh Inspection District, comprising the coal producing counties of Bond, Madison, and Marion.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	21
Number of local mines.....	9
Number of employees underground.....	5,229
Number of employees on surface.....	556
Total number of employees.....	5,785
Total tons of coal produced.....	3,995,348
Days of active operation, shipping mines, average.....	127
Days of active operation, local mines, average.....	131
Number of fatal accidents.....	10
Number of non-fatal accidents.....	322
Number of employees to each fatal accident.....	578
Number of employees to each non-fatal accident.....	18
Tons of coal produced to each fatal accident.....	399,535
Tons of coal produced to each non-fatal accident.....	6,912
Ratio of fatal accidents per 1,000 employees.....	1.74

CHANGE OF NAME

Moro Coal Company is now Mizer Coal Company.

ABANDONED MINES

The following mines were not operated and are abandoned permanently or temporarily closed: Donk Bros.' No. 1, Collinsville; Mount Olive and Staunton Coal Company's No. 1, Staunton; Bunker Hill Coal Company operated as a local mine.

FATAL ACCIDENTS

August 8, 1921, Josh Skinner, miner, age 53 years, married, was killed by falling clod in Abbey Coal Corporation's mine. He leaves a widow and two children.

September 12, 1921, Joseph Zambaldi, miner, age 39 years, married, was killed by a fall of slate in Donk Brothers Coal and Coke Company's No. 2 mine. He leaves a widow and three children.

September 23, 1921, William McIntosh, timberman, age 52 years, married, was killed by a fall of slate in Donk Brothers Coal and Coke Company's No. 2 mine. He leaves a widow and four children.

October 12, 1921, Matt Tondello, miner, age 33 years, married, was killed by falling clod in New Staunton Coal Company's mine. He leaves a widow and two children.

December 10, 1921, Louis Donati, trip rider, age 28 years, single, died from injuries received December 1 in Donk Brothers Coal and Coke Company's No. 4 mine by being caught between a car and coal rib.

December 13, 1921, Julius Reimler, laborer, age 47 years, married, was killed in Donk Brothers Coal and Coke Company's No. 1 mine. Deceased was running an empty coal car under the washer when he was caught between the car and the brace. He leaves a widow and three children.

January 10, 1922, Christ Gerling, laborer, age 66 years, married, was killed by pit cars in Donk Brothers Coal and Coke Company's No. 3 mine. He leaves a widow and two children.

January 28, 1922, George Gillespie, miner, age 52 years, married, was killed in Pocahontas Mining Company's mine by a fall of coal. He leaves a widow and one child.

February 28, 1922, Alex. Waitkus, miner, age 47 years, single, was killed by flying coal in Donk Brothers Coal and Coke Company's No. 2 mine.

March 14, 1922, Rosch Cruse, laborer, age 50 years, married, was killed by railroad cars at Chicago-Sandoval Coal Company's mine. He leaves a widow and two children.

Respectfully submitted,

HENRY D. THOMPSON, *Inspector.*

FATAL CASUALTIES, SEVENTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Aug. 8	Josh Skinner	53	Miner	Collinsville	Abhey Coal Corp.	.....	1	...	1	2	3	Falling clod
Sept. 12	Joseph Zambaldi	39	Miner	Collinsville	Donk Bros. C. & C. Co.	.....	1	...	1	3	4	Falling rock
Sept. 23	Wm. McIntosh	52	Timberman	Maryville	Donk Bros. C. & C. Co.	.....	1	...	1	4	5	Falling rock
Oct. 12	Matt Tondells	33	Miner	Williamson	New Staunton Coal Co.	.....	1	...	1	2	3	Falling clod
Dec. 10	Louis Donati	28	Trip rider	Collinsville	Donk Bros. C. & C. Co.	.....	1	...	1	...	...	Pit car
Dec. 13	Julius Keimler	47	Laborer	Donkville	Donk Bros. C. & C. Co.	.....	1	...	1	3	4	Railroad car
1922												
Jan. 10	Christ Gerling	66	Laborer	Troy	Donk Bros. C. & C. Co.	.....	1	...	1	2	3	Pit car
Jan. 28	George Gillespie	52	Miner	Pocahontas	Pocahontas Mining Co.	.....	1	...	1	1	2	Falling coal
Feb. 28	Alex. Waitkus	47	Miner	Maryville	Donk Bros. C. & C. Co.	.....	1	...	1	...	...	Flying coal
Mar. 14	Rosch Cruse	50	Laborer	Sandoval	Chicago & Sandoval C. Co.	.....	1	...	1	2	3	Railroad cars

NON-FATAL ACCIDENTS, SEVENTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Abbey Coal Corp.....	5	1	255	Asst. Mine Mgr.....	1	...	31	Animals.....	4	...	52
Chicago-Sandoval Coal Co.....	16	4	629	Blacksmiths....	3	...	59	Cage.....	4	2	57
Donk Bros. Coal & Coke Co., No. 2	48	11	2,169	Cagers.....	2	1	120	Electricity.....	10	2	35
Donk Bros. Coal & Coke Co., No. 3	13	7	286	Coupler.....	1	...	161	Fall of roof and side.....	115	33	63
Donk Bros. Coal & Coke Co., No. 4	28	10	826	Drivers.....	32	6	53	Fall of person....	10	1	82
Jay Coal Co.....	1	1	...	Firemen.....	3	...	44	Hand tools.....	16	3	48
Kerns-Donnewald Coal Co.....	13	9	355	Foremen.....	2	1	75	Mining machine....	12	3	66
Lumaghi Coal Co., No. 2.....	35	3	2,075	Laborers.....	27	10	65	Pit car.....	75	15	55
Lumaghi Coal Co., No. 3.....	13	2	718	Loaders.....	100	19	55	Railway car.....	1	...	43
Madison Co. Mining Co.....	5	...	277	Machinemen....	37	12	61	Shot explosion....	1	...	30
Madison Coal Corp., No. 2.....	28	5	1,319	Miners.....	74	18	31	Struck by object..	15	4	53
Marion Co. Coal Co.....	41	5	1,847	Motormen.....	5	2	83	Miscellaneous....	26	4	49
Mt. Olive & Staunton Coal Co., No. 2	22	5	861	Shot firers....	2	1	30	Not stated.....	35	9	49
New Castle Coal Co.....	4	...	132	Spragger.....	1	...	71				
New Staunton Coal Co.....	34	13	1,054	Timbermen....	11	4	93				
Odin Coal Co.....	5	...	330	Trackmen.....	4	1	46				
Pocahontas Mining Co.....	11	...	802	Trappers.....	3	...	37				
				Trip riders....	14	1	51				
Total.....	322	76	13,935		322	76	57		322	76	57

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Pocahontas Mining Co., No. 1	Pocahontas	189,497	138,440	42,380	.....	3,416	4,680

MADISON

SHIPPING MINES								
1	Mt. Olive & Staunton Coal Co., No. 2	Staunton	548,598	526,048	.....	.....	5,804	16,746
2	Donk Bros. C. & C. Co., No. 2	Maryville	523,750	507,628	.....	108	2,395	13,619
3	New Staunton Coal Co., No. 1	Livingston	457,916	365,800	77,764	.....	4,907	8,128
4	Madison Coal Corp., No. 2	Glen Carbon	363,001	.....	346,714	.....	2,960	13,175
5	Lumaghi Coal Co., No. 2	Collinsville	291,190	263,511	13,077	.....	.....	14,602
6	Donk Bros. C. & C. Co., No. 4	Edwardsville	213,364	205,760	.....	704	25	6,869
7	Donk Bros. C. & C. Co., No. 3	Troy	153,469	141,578	.....	.....	5,599	6,292
8	Kerns-Donnerwald Coal Co.	Worden	141,846	35,079	99,578	.....	3,672	3,517
9	Lumaghi Coal Co., No. 3	Collinsville	112,457	83,427	26,150	.....	.....	2,880
10	Abbey Coal Corporation	Collinsville	96,678	1,615	.....	.....	93,129	1,346
11	Madison Co. Mining Co.	Edwardsville	66,349	42,596	8,786	6	14,361	400
12	New Castle Coal Co.	Edwardsville	45,588	36,900	.....	.....	6,688	2,000
13	Bullock Mining Co.	Collinsville	33,003	26,872	.....	.....	5,731	400
14	Jay Coal Co.	Bethalto	22,477	12,639	199	.....	7,577	2,062
15	East Side Coal Co.	Edwardsville	9,660	400	.....	.....	9,090	170
16	Edwardsville Coal Co.	Edwardsville	4,606	.....	3,000	.....	1,006	600
17	Mizer Coal Co.	Moro	896	290	.....	.....	581	25
Total			3,084,848	2,250,149	575,268	818	163,525	92,831
LOCAL MINES								
1	Bunker Hill Coal Co.	Collinsville	24,000	.....	.....	.....	23,000	1,000
8 mines producing less than 10,000 tons each			9,571	.....	.....	.....	8,736	835
Total			33,571	.....	.....	.....	31,736	1,835
Total, all mines			3,118,419	2,250,149	575,268	818	195,261	94,666

MARION

SHIPPING MINES								
1	Marion County Coal Co.	Centralia	270,798	135,676	109,606	.....	7,381	9,160
2	Chicago-Sandoval C. Co., No. 2	Sandoval	233,840	126,644	89,970	.....	5,893	10,923
3	Odin Coal Co.	Odin	183,094	155,816	7,997	.....	6,506	12,775
Total			687,732	418,136	207,573	.....	19,780	32,858

COUNTY

Loss in pre-paring including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
281	284	106	4,436	.....	.....	10	2	30,588	158,609	15	1	11	1

COUNTY

.....	636	146	3,024	.....	.....	18	3	.....	548,598	35	.....	22	1
.....	554	142	7,077	.....	.....	25	14	.....	523,750	22	4	48	2
1,317	626	104	4,024	.....	.....	18	20	.....	457,916	9	1	34	3
152	426	157	4,124	.....	.....	19	4	.....	363,001	29	.....	28	4
.....	476	88	3,759	.....	.....	22	13	.....	291,190	9	.....	35	5
.....	296	138	2,810	.....	.....	12	7	.....	213,364	1	1	28	6
.....	313	108	5,263	.....	.....	5	2	105,200	48,269	21	1	13	7
.....	277	127	1,482	.....	.....	8	2	.....	141,846	18	.....	13	8
.....	189	104	4,623	.....	.....	1	1	106,410	6,047	12	.....	13	9
588	97	181	1,285	.....	.....	4	.....	2,076	94,602	12	1	5	10
200	138	110	948	.....	.....	6	1	4,290	62,059	7	.....	5	11
.....	69	181	.....	.....	.....	6	.....	.....	45,588	7	.....	4	12
.....	44	133	1,368	.....	.....	.....	.....	33,003	.....	5	.....	.....	13
.....	36	155	249	.....	.....	3	.....	1,445	21,032	3	.....	1	14
.....	21	150	390	.....	.....	.....	.....	9,660	.....	2	.....	.....	15
.....	111	10	72	.....	.....	7	.....	800	3,806	15	.....	.....	16
.....	10	44	30	.....	.....	.....	.....	896	.....	.....	.....	.....	17
2,257	4,319	122	40,528	.....	.....	154	67	263,780	2,821,068	207	8	249	.....
.....	37	183	.....	.....	.....	.....	.....	.....	24,000	.....	.....	.....	1
.....	41	124	199	.....	.....	2	.....	9,571	.....	.....	.....	.....	.....
.....	78	131	199	.....	.....	2	.....	9,571	24,000	.....	.....	.....	.....
2,257	4,397	125	40,727	.....	.....	156	67	273,351	2,845,068	207	8	249	.....

COUNTY

8,975	544	123	3,957	367	.....	20	5	50,662	220,136	22	.....	41	1
410	296	157	10,902	200	.....	.....	4	233,840	.....	30	1	16	2
.....	264	201	1,924	.....	.....	12	4	5,009	178,085	20	.....	5	3
9,385	1,104	160	16,783	567	.....	32	13	289,511	398,221	72	1	62	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Bond	1	189,197	138,440	42,380	.....	3,416	4,680	281	.....
Madison	17	3,084,848	2,250,149	575,268	818	163,525	92,831	2,257	.....
Marion	3	687,732	418,136	207,573	.....	19,780	32,858	9,385	.....
Total	21	3,961,777	2,806,725	825,221	818	186,721	130,369	11,923

LOCAL MINES, RECAPITULATION

Madison	9	33,571	31,736	1,835
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ALL MINES, RECAPITULATION

Bond	1	189,197	138,440	42,380	3,416	4,680	281
Madison	26	3,118,419	2,250,149	575,268	818	195,261	94,666	2,257
Marion	3	687,732	418,136	207,573	.....	19,780	32,858	9,385	.....
Total	30	3,995,348	2,806,725	825,221	818	218,457	132,204	11,923	.....

BY COUNTIES, SEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number animals underground of	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
259	25	284	4,436	.....	.....	106	10	30,588	158,609	2	15	1	11
3,922	397	4,319	40,528	.....	.....	122	154	163,780	2,821,068	67	207	8	249
981	123	1,104	16,783	567	.....	160	32	289,511	398,221	13	72	1	62
5,162	545	5,707	61,747	567	127	196	583,879	3,377,898	82	294	10	322

BY COUNTIES, SEVENTH DISTRICT

67	11	78	199	131	2	9,571	24,000
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BY COUNTIES, SEVENTH DISTRICT

259	25	284	4,436	106	10	30,588	158,609	2	15	1	11
3,989	408	4,397	40,727	125	156	273,351	2,845,068	67	207	8	249
981	123	1,104	16,783	567	.....	160	32	289,511	398,221	13	72	1	62
5,229	556	5,785	61,946	567	.....	128	198	593,450	3,401,898	82	294	10	322

EIGHTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Eighth Inspection District, comprising the coal producing counties of Clinton and St. Clair.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	2
Number of shipping mines.....	52
Number of local mines.....	19
Number of employees underground.....	7,581
Number of employees on surface.....	765
Total number of employees.....	8,346
Total tons of coal produced.....	5,473,442
Days of active operation, shipping mines, average.....	111
Days of active operation, local mines, average.....	160
Number of fatal accidents.....	8
Number of non-fatal accidents.....	235
Number of employees to each fatal accident.....	1,043
Number of employees to each non-fatal accident.....	35.5
Tons of coal produced to each fatal accident.....	684,180
Tons of coal produced to each non-fatal accident.....	23,291
Ratio of fatal accidents per 1,000 employees.....	.96

CHANGE OF NAME

North Breese Coal Company to Breese-Trenton Mining Company, Perry County Coal Corporation to Perry Coal Company, Superior Mining Company to Perry Coal Company, South Belleville Coal Company to Perry Coal Company.

THE FOLLOWING MINES HAVE NOT BEEN IN OPERATION THE PAST YEAR

Prairie Coal Co., Kalb Coal Company's Vinegar Hill*mine, Superior Mining Company's Valley mine, Scott Coal Co., H. E. Miller Coal Co., and Fullerton Coal Co. The Highland Coal Co. and West Belleville Coal Co. were operated during the past year as local mines.

FATAL ACCIDENTS

September 29, 1921, John Schwalb, miner, age 41 years, married, was killed by falling slate in Glendale Coal Company's mine. He leaves a widow and five children.

October 22, 1921, William F. Albrecht, miner, age 43 years, married, was killed by flying coal from shot explosion in St. Louis and O'Fallon Coal Company's No. 2 mine. He leaves a widow and one child.

October 28, 1921, Clemens Miller, machine runner, age 40 years, married, was killed by falling slate in Consolidated Coal Company's No. 17 mine. He leaves a widow and one child.

November 15, 1921, Christ Grandcolas, miner, age 50 years, married, was killed by falling clod in Groom Coal Company's mine. He leaves a widow and four children.

December 22, 1921, Rod Johnson, miner, age 36 years, married, was killed by falling clod in Breese-Trenton Coal Company's mine. He leaves a widow and two children.

January 10, 1922, David Titus, miner, age 52 years, married, was killed in Consolidated Coal Company's No. 17 mine by a fall of clod. He leaves a widow.

January 23, 1922, James Sullivan, machine man, age 44 years, married, was killed by a fall of coal in St. Louis and O'Fallon Coal Company's No. 2 mine. He leaves a widow and two children.

February 20, 1922, Joseph Sandmeyer, miner, age 52 years, married, was killed in Southern Coal, Coke and Mining Company's No. 7 mine by a fall of rock. He leaves a widow and four children. Respectfully submitted,

JAMES R. RICHARDS, *Inspector.*

FATAL CASUALTIES, EIGHTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Sept. 29	John Schwalb.....	41	Miner....	Freeburg.....	Glendale Coal Co....	.....	1	...	1	5	6	Falling slate
Oct. 22	Wm. F. Albrecht....	43	Miner....	Collinsville.....	St. Louis & O'Fallon C. Co....	2	1	...	1	1	2	Shot explosion
Oct. 28	Clemens Miller....	40	Mch. run.	Collinsville.....	Consolidated Coal Co....	17	1	...	1	1	2	Falling slate
Nov. 15	Christ Grandcolas..	50	Miner....	Belleville.....	Groom Coal Co....	Beck.	1	...	1	4	5	Falling clod
Dec. 22	Rod. Johnson.....	36	Miner....	Beckenmeyer.....	Breese-Trenton M. Co....	.....	1	...	1	2	3	Falling clod
1922												
Jan. 10	David Titus.....	52	Miner....	Collinsville.....	Consolidated Coal Co....	17	1	...	1	...	1	Falling clod
Jan. 23	James Sullivan.....	44	Mch. man	Belleville.....	St. Louis & O'Fallon C. Co....	2	1	...	1	2	3	Falling coal
Feb. 20	Joseph Sandmeyer..	52	Miner....	Belleville.....	Southern C. C. & M. Co....	7	1	...	1	4	5	Falling rock

NON-FATAL ACCIDENTS, EIGHTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Aluminum Ore Co.	7	...	314	Blacksmiths.	2	1	130	Animals.	6	...	62
B. B. Coal Co.	3	...	100	Cager.	1	...	45	Cage.	2	...	53
Barton & Senior.	2	...	130	Carpenter.	1	...	33	Electricity.	4	...	57
Breese-Trenton Mining Co., Beck.	12	2	511	Drivers.	30	5	60	Falling roof and sides.	66	8	62
Breese-Trenton Mining Co., East.	7	...	252	Firemen.	2	1	45	Fall of person.	16	4	65
Consolidated Coal Co., No. 17.	23	3	1,666	Laborers.	15	2	56	Flying particles.	8	...	69
Consolidated Coal Co., Breese.	6	2	206	Loaders.	48	2	74	Hand tools.	4	...	67
Columbia Col. Co., Columbia.	2	...	114	Machinemen.	16	2	53	Lifting.	16	...	72
Eldnar Coal Co.	5	1	180	Mine manager.	1	...	70	Machinery.	2	1	50
Fallon Coal Co.	2	...	90	Miners.	98	26	56	Mining machine.	9	1	60
Golden Rule Coal Co.	5	1	554	Motormen.	2	1	36	Pit cars.	34	6	69
Groom Coal Co.	1	...	38	Shot firer.	1	...	30	Shot explosion.	1	1	...
Aloys Gundlach.	3	...	147	Spragger.	1	...	82	Struck by object.	21	2	55
Guest Coal Co.	2	2	...	Timbermen.	4	...	31	Miscellaneous.	23	9	39
Kolb Coal Co., No. 1.	1	...	56	Trackmen.	7	...	64	Not stated.	23	8	46
Kolb Coal Co., No. 2.	4	...	142	Trip riders.	6	...	68				
L. & N. Coal Co.	1	...	34								
Mulberry Hill Coal Co.	5	...	234								
New Marissa Coal Co.	7	...	500								
New National Coal & Mining Co.	4	1	293								
O. K. Coal Co.	11	5	257								
Perry Coal Co., Carbon.	5	2	131								
Perry Coal Co., Pitts.	2	1	30								
Perry Coal Co., St. Ellen.	18	7	419								
Perry Coal Co., Superior.	8	2	312								
Perry Coal Co., Taylor.	8	6	80								
Quality Coal Co.	2	...	109								
St. Louis & O'Fallon Coal Co., No. 1.	12	3	820								
St. Louis & O'Fallon Coal Co., No. 2.	37	2	2,239								
Southern C. C. & Mining Co., No. 1.	4	...	218								
Southern C. C. & Mining Co., No. 6.	1	...	96								
Southern C. C. & Mining Co., No. 7.	6	...	265								
Southern C. C. & Mining Co., No. 8.	5	...	355								
Southern C. C. & Mining Co., No. 9.	6	...	563								
Star Coal & Mining Co.	2	...	85								
Suburban Coal Co.	1	...	60								
Town Grove Coal Co.	3	...	147								
Victoria Coal Co.	2	...	77								
Total.	235	40	11,824		235	40	60		235	40	60

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Southern C. C. & M. Co., No. 9.	New Baden	223,306	135,868	66,919	.....	5,296	15,223
2	Breese-Trenton M. Co., Beck.	Beckemeyer.	152,973	121,346	16,388	.....	9,841	5,398
3	Breese-Trenton M. Co., E. M.	Breese.....	149,999	94,408	1,155	37,220	1,599	5,657
4	Breese-Trenton M. Co., N. M.	Breese.....	126,621	117,788	1,904	.....	721	6,208
5	Consolidated Coal Co., W. M.	Breese.....	94,889	90,040	.....	.....	1,359	3,490
Total.....			747,788	559,450	86,366	37,220	18,816	35,976

ST. CLAIR

SHIPPING MINES								
1	St. Louis & O'Fallon C. Co., No. 2	E. St. Louis	494,791	381,207	92,544	1,618	2,105	12,762
2	Consolidated Coal Co., No. 17	Collinsville	338,671	312,594	.....	.....	.....	13,140
3	Perry Coal Co., St. Ellen	O'Fallon	336,683	.....	332,831	1,082	250	2,520
4	Kolb Coal Co., No. 2	Mascoutah	224,689	223,079	.....	.....	.....	1,610
5	Eldmar Coal Co.	Belleville	223,333	220,833	.....	.....	.....	2,500
6	St. Louis & O'Fallon C. Co., No. 1	E. St. Louis	217,750	7,043	204,359	1,430	.....	3,918
7	Southern C. C. & M. Co., No. 8	Belleville	203,838	126,524	68,127	.....	642	8,545
8	Aluminum Ore Co.	Belleville	187,301	166,785	15,169	.....	.....	120
9	Egyptian Coal & Mining Co.	Marissa	161,481	157,809	.....	.....	.....	3,231
10	Southern C. C. & M. Co., No. 7	Belleville	151,843	98,818	46,502	.....	.....	6,523
11	Mulberry Hill Coal Co.	Freeburg	130,711	127,558	.....	.....	.....	1,224
12	O. K. Coal Co.	Marissa	121,399	114,145	1,417	.....	972	3,510
13	Perry Coal Co., Sup.	Belleville	120,423	115,343	.....	.....	170	2,210
14	B. B. Coal Co.	Belleville	120,117	117,230	.....	.....	2,887	.....
15	Quality Coal Mining Co.	Belleville	102,954	101,981	.....	.....	443	30
16	Perry Coal Co., Carbon	O'Fallon	102,610	95,720	.....	.....	3,240	3,650
17	Southern C. C. & M. Co., No. 6	Belleville	98,302	65,422	28,038	.....	2,012	2,830
18	Star Coal & Mining Co.	Freeburg	95,200	86,873	.....	.....	4,967	3,160
19	Victoria Coal Co.	Belleville	92,397	87,473	.....	.....	4,774	150
20	Groom Coal Co.	Belleville	84,532	34,051	21,988	26,468	540	1,285
21	Perry Coal Co., Taylor	O'Fallon	77,595	73,539	.....	.....	53	4,003
22	Southern C. C. & M. Co., No. 1	Belleville	70,873	44,056	18,881	.....	5,147	2,789
23	New Marissa Coal Co.	Marissa	64,131	53,044	5,310	.....	3,831	1,280
24	Kolb Coal Co., No. 1	Mascoutah	58,851	6,790	.....	40,776	9,827	1,458
25	Golden Rule Coal Co.	Lenzburg	56,535	46,840	5,215	.....	2,555	1,800
26	New National C. & M. Co.	Belleville	55,939	31,915	21,346	.....	740	1,938
27	Ell-Rich Mining Co.	Belleville	52,506	51,956	.....	.....	150	400
28	Kolb Coal Co., No. 3	New Athens	51,129	37,776	.....	12,445	.....	908
29	Glendale Coal & Mining Co.	Freeburg	51,111	49,200	.....	.....	1,261	650
30	Peoples Coal Co.	Caseville	50,403	44,226	.....	.....	2,577	3,600
31	General Coal & Mining Co.	Freeburg	43,503	41,995	.....	.....	75	960
32	Fallon Coal Mining Co.	O'Fallon	39,236	.....	33,150	.....	5,486	600
33	Aloys Gymalach	E. St. Louis	36,561	13,729	21,986	465	.....	273
34	Summit Coal & Mining Co.	Belleville	34,135	33,395	.....	.....	354	386
35	L. & N. Coal & Mining Co.	Rentchler	31,329	19,610	10,108	.....	542	1,069
36	Perry Coal Co., Pitt	Belleville	28,342	12,759	.....	.....	14,163	795
37	Jones Bros. C. & M. Co., No. 1	Marissa	26,197	20,861	.....	.....	3,136	2,200
38	Suburban Coal Co.	Belleville	23,820	23,128	.....	.....	62	630
39	Columbia Collieries Co., Col.	Belleville	19,892	19,038	.....	.....	184	670
40	Perry Coal Co., S. B.	Belleville	18,085	12,346	.....	.....	5,109	630
41	Guest Coal Co.	Belleville	12,779	11,975	.....	.....	54	750
42	Premier Coal Co.	Lebanon	11,444	5,722	.....	.....	5,722	.....
43	Columbia Collieries Co., N. L.	Lenzburg	11,375	10,289	.....	.....	726	360
44	Liberty Coal Co.	Rentchler	7,518	5,342	1,134	.....	.....	1,042
45	Abend Coal Co.	Belleville	6,164	5,737	.....	.....	307	120
46	Columbia Collieries Co., N. F.	Freeburg	5,699	5,105	.....	.....	346	248
47	Missouri & Illinois Coal Co.	Belleville	3,315	2,773	.....	.....	42	500
Total			4,557,492	3,323,634	928,105	84,284	85,451	102,977

COUNTY

Loss in preparing coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	407	80	2,019	.....	.....	20	7	.....	223,306	17	.....	6	1
.....	288	92	1,640	.....	.....	8	3	.....	152,973	16	1	12	2
9,960	212	135	1,848	.....	.....	6	6	.....	149,999	12	.....	7	3
.....	275	79	.....	.....	.....	17	2	.....	126,621	16	.....	.....	4
.....	160	94	1,507	1,300	.....	6	2	.....	94,889	12	.....	6	5
9,960	1,342	96	7,014	1,300	.....	57	20	.....	747,788	73	1	31	.....

COUNTY

4,555	549	156	4,882	.....	.....	25	9	.....	494,791	19	2	37	1
12,937	373	130	5,594	.....	.....	14	2	59,382	279,289	33	2	23	2
.....	390	147	12,944	.....	.....	.....	3	336,683	.....	25	.....	18	3
.....	298	118	10,809	.....	.....	.....	3	224,689	.....	14	.....	4	4
.....	269	200	7,448	.....	.....	.....	2	223,333	.....	10	.....	5	5
1,000	264	149	10,891	.....	.....	.....	3	217,750	.....	15	.....	12	6
.....	324	85	1,667	.....	.....	18	11	.....	203,838	3	.....	5	7
5,227	156	175	3,254	.....	.....	4	2	38,860	148,441	101	.....	7	8
441	215	121	2,956	.....	.....	10	2	40,370	121,111	13	.....	.....	9
.....	285	85	2,002	.....	.....	11	10	.....	151,843	3	1	6	10
1,929	177	102	4,007	.....	.....	4	3	105,566	25,145	11	.....	5	11
1,355	156	150	4,715	.....	.....	.....	2	121,399	.....	8	.....	11	12
2,700	142	154	1,083	.....	.....	10	1	2,705	117,718	10	.....	8	13
.....	154	146	3,908	225	.....	1	1	99,475	20,642	12	.....	3	14
500	100	133	4,036	.....	.....	.....	1	102,954	.....	7	.....	2	15
.....	145	106	12,181	.....	.....	7	2	.....	102,610	9	.....	5	16
.....	114	128	4,841	.....	.....	.....	.....	98,302	.....	13	.....	1	17
200	145	119	3,173	65	.....	7	2	79,968	15,232	10	.....	2	18
.....	97	170	4,098	.....	.....	.....	1	92,397	.....	6	.....	2	19
200	86	193	3,073	.....	.....	.....	1	84,532	.....	4	1	1	20
.....	178	72	2,855	.....	.....	.....	2	77,595	.....	9	.....	8	21
.....	176	100	3,169	.....	.....	.....	2	70,873	.....	8	.....	4	22
666	110	111	2,589	.....	.....	.....	1	64,131	.....	6	.....	7	23
.....	85	228	2,870	.....	.....	.....	2	58,851	.....	6	.....	1	24
125	89	110	2,307	.....	.....	.....	1	56,535	.....	6	.....	5	25
.....	101	104	2,237	.....	.....	.....	.....	55,939	.....	9	.....	4	26
.....	89	78	2,000	.....	.....	.....	1	52,506	.....	6	.....	.....	27
.....	94	104	2,119	.....	.....	.....	1	51,129	.....	5	.....	.....	28
.....	84	109	2,015	.....	.....	.....	.....	51,111	.....	10	1	.....	29
.....	82	91	2,370	.....	.....	.....	.....	50,403	.....	9	.....	.....	30
473	72	122	1,869	.....	.....	.....	.....	43,503	.....	6	.....	.....	31
.....	106	134	5,293	.....	.....	.....	.....	20,236	19,000	6	.....	2	32
108	49	182	2,420	.....	.....	.....	.....	36,561	.....	4	.....	3	33
.....	70	85	1,550	.....	.....	.....	.....	34,135	.....	.....	.....	.....	34
.....	63	102	1,729	.....	.....	.....	.....	31,329	.....	4	.....	1	35
625	52	129	1,044	.....	.....	.....	.....	28,342	.....	4	.....	2	36
.....	85	70	1,049	100	.....	.....	.....	26,197	.....	7	.....	.....	37
.....	92	53	176	.....	.....	.....	.....	23,820	.....	10	.....	.....	38
147	33	845	.....	.....	.....	.....	1	19,892	.....	10	.....	2	39
45	101	722	.....	.....	.....	.....	.....	18,085	.....	3	.....	.....	40
95	150	1,000	.....	.....	.....	.....	.....	12,779	.....	.....	.....	.....	41
51	106	661	.....	.....	.....	.....	.....	11,444	.....	3	.....	.....	42
66	33	482	.....	.....	.....	.....	.....	11,375	.....	7	.....	.....	43
73	18	93	.....	.....	.....	6	.....	.....	7,518	11	.....	.....	44
34	43	213	.....	.....	.....	.....	.....	6,164	.....	4	.....	.....	45
37	29	205	.....	.....	.....	.....	.....	5,699	.....	5	.....	.....	46
74	17	191	.....	.....	.....	.....	.....	3,315	.....	12	.....	.....	47
33,041	6,738	112	151,635	390	.....	117	72	2,850,314	1,707,178	496	7	199	.....

ST. CLAIR

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
1	Patterson & Harding.....	Belleville...	20,300				17,000	3,300
2	White Rose Mining Co.....	Belleville...	19,140				18,746	394
3	West Belleville Coal Co.....	Belleville...	18,595				18,595	
4	Highland Coal Co.....	Belleville...	18,370				18,370	
5	R. Schramm & Son.....	Belleville...	17,777				17,277	500
6	Tower Grove Coal Co.....	Belleville...	13,611				12,911	700
7	Signal Hill Coal Co.....	E. St. Louis.	13,443				13,443	
8	Pep Coal Co.....	New Athens.	11,260				11,047	213
	11 mines producing less than 10,000 tons each.....		35,666				34,408	1,258
	Total.....		168,162				161,797	6,365
	Total, all mines.....		4,725,654	3,323,634	928,105	84,284	247,248	109,342

COUNTY—concluded

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	21	200	800	.....	.....	.....	.....	20,300	.....	.....	.....	.....	1
.....	21	210	785	.....	.....	.....	.....	19,140	.....	.....	.....	.....	2
.....	37	216	.....	.....	.....	.....	.....	18,595	.....	.....	.....	.....	3
.....	40	210	967	.....	.....	.....	.....	18,370	.....	.....	.....	.....	4
.....	26	188	680	.....	.....	.....	.....	17,777	.....	.....	.....	.....	5
.....	20	160	550	.....	.....	.....	.....	13,611	.....	.....	.....	.....	6
.....	18	105	67	.....	.....	.....	.....	13,443	.....	.....	.....	.....	7
.....	9	290	431	.....	.....	.....	.....	11,260	.....	.....	.....	.....	8
.....	74	133	1,497	.....	.....	.....	.....	35,666	.....	.....	.....	.....	2
.....	266	160	5,777	.....	.....	.....	.....	168,162	.....	.....	.....	.....	5
33,041	7,004	126	157,412	390	.....	117	72	3,018,476	1,707,178	496	7	204	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in pre-paring and not sold June 30	
Clinton.....	5	747,788	559,450	86,366	37,220	18,816	35,976	9,960	29,924
St. Clair.....	47	4,557,492	3,323,634	928,105	84,284	85,451	102,977	33,041	122,708
Total.....	52	5,305,280	3,883,084	1,014,471	121,504	104,267	138,953	43,001	152,632

LOCAL MINES, RECAPITULATION

St. Clair.....	19	168,162	161,797	6,365
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ALL MINES, RECAPITULATION

Clinton.....	5	747,788	559,450	86,366	37,220	18,816	35,976	9,960	29,924
St. Clair.....	66	4,725,654	3,323,634	928,105	84,284	247,248	109,342	33,041	122,708
Total.....	71	5,473,442	3,883,084	1,014,471	121,504	266,064	145,318	43,001	152,632

BY COUNTIES, EIGHTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
1,218	124	1,342	7,014	1,300	.....	96	57	.....	747,788	20	73	1	31
6,125	613	6,738	151,635	390	.....	112	117	2,850,314	1,707,178	72	496	7	199
7,343	737	8,080	158,649	1,690	111	174	2,850,314	2,454,966	92	569	8	230

BY COUNTIES, EIGHTH DISTRICT

238	28	266	5,777	160	168,162	5
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BY COUNTIES, EIGHTH DISTRICT

1,218	124	1,342	7,014	1,300	96	57	747,788	20	73	1	31
6,363	641	7,004	157,412	390	126	117	3,018,476	1,707,178	72	496	7	204
7,581	765	8,346	164,426	1,690	.....	124	174	3,018,476	2,454,966	92	569	8	235

NINTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph, and Washington.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	39
Number of local mines.....	39
Number of employees underground.....	7,277
Number of employees on surface.....	940
Total number of employees.....	8,217
Total tons of coal produced.....	5,373,660
Days of active operation, shipping mines, average.....	127
Days of active operation, local mines, average.....	135
Number of fatal accidents.....	9
Number of non-fatal accidents.....	355
Number of employees to each fatal accident.....	913
Number of employees to each non-fatal accident.....	23.1
Tons of coal produced to each fatal accident.....	597,073
Tons of coal produced to each non-fatal accident.....	15,137
Ratio of fatal accidents per 1,000 employees.....	1.1

NEW MINES

Jackson Peacock Coal Company, DeSoto, operated during the past year as a shipping mine. The Wilson Coal and Mining Company have opened and operated a mine at Cutler, Perry County.

CHANGE OF NAME

Aladdin Coal & Mining Company No. 2 mine has been changed to Southern Gem Coal Corporation No. 10, and the No. 3 mine to Tamaroa-Little Muddy Coal Company.

MINES NOT OPERATED

Aladdin Coal Co. No. 1 mine, Cutler; Kanawha Fuel Co., DuQuoin; Illinois Sixth Vein Coal Co., Pinckneyville; Loudon Coal Mining Co., Pinckneyville.

FATAL ACCIDENTS

September 8, 1921, Henry Grabawski, trapper, age 17 years, single, was killed by motor in Centralia Coal Company's mine.

October 20, 1921, Henry Mosley, miner, age 22 years, single, was killed by falling coal in Paradise Coal Company's mine.

November 5, 1921, Harold Short, loader, age 23 years, married, was killed in Willis Coal and Mining Company's No. 8 mine by a fall of slate. He leaves a widow and two children.

November 15, 1921, G. B. Barnett, miner, age 61 years, married, was instantly killed by a fall of coal in Equitable Coal Company's mine. He leaves a widow and one child.

December 16, 1921, Frank Linkus, miner, age 19 years, single, was killed by a shot explosion in Jones Brothers Coal and Mining Company's No. 2 mine.

January 18, 1922, Ora Tucker, pumpman, age 34 years, married, was suffocated in Midway Coal and Mining Company's mine. He leaves a widow and four children.

February 14, 1922, William O. Franklin, miner, age 42 years, single, was killed in Madison Coal Corporation's Crystal mine by a fall of rock.

February 20, 1922, Edson Kirkpatrick, driver, age 24 years, single, was caught between pit car and pillar and killed instantly in Jewel Coal and Mining Company's No. 1 mine. He leaves his mother dependent.

February 22, 1922, Joseph Venegonia, laborer, age 17 years, single, was run over and killed by a pit car in Consolidated Coal Company's mine No. 10.

Respectfully submitted,

FRANK ROSBOTTOM, *Inspector.*

FATAL CASUALTIES, NINTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Sept. 8	Henry Grabowski...	17	Trapper...	Centralia...	Centralia Coal Co.	5	...	1	...	...	...	Motor
Oct. 20	Henry Mosley...	22	Miner...	DuQuoin...	Paradise Coal Co.	8	...	1	...	...	...	Falling coal
Oct. 25	Harold Short...	23	Loader...	Willisville...	Willis Coal M. Co.	Maj.	1	...	1	2	3	Falling slate
Nov. 15	G. B. Barnett...	61	Miner...	DuQuoin...	Equitable C. & C. Co.	2	1	...	1	1	2	Falling coal
Dec. 16	Frank Linkus...	19	Miner...	Tilden...	Jones Bros. Coal Co.	2	...	1	...	...	...	Shot explosion
1922												
Jan. 18	Ora Tucker...	34	Laborer...	Ward...	Midway C. & M. Co.	Ward	1	...	1	4	5	Suffocation
Feb. 14	Wm. O. Franklin...	42	Miner...	Tilden...	Madison Coal Corp.	Crystal	...	1	...	...	...	Falling rock
Feb. 20	Edson Kirkpatrick...	24	Driver...	DuQuoin...	Jewell Coal & M. Co.	1	...	1	...	...	1	Pit car
Feb. 22	Joseph Venegonia...	17	Laborer...	Murphysboro...	Consolidated Coal Co.	10	...	1	...	...	...	Pit car

NON-FATAL ACCIDENTS, NINTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bailey Bros.....	3	110		Blacksmiths.....	2	49		Animals.....	2		86
Centralia Coal Co., No. 5.....	79	14	3,001	Cagers.....	3	61		Cage.....	2		43
Columbia Col. Co.....	3		134	Carpenter.....	1	73		Electricity.....	9	2	68
Consolidated Coal Co., No. 10.....	7		519	Drivers.....	28	3	65	Falling roof and sides.....	105	17	58
Equitable Coal Co.....	23	5	817	Foremen.....	2	55		Fall of person.....	17	4	55
Gartside Coal Co.....	6	1	401	Laborers.....	37	5	73	Gas explosion.....	1		40
Illinois Fuel Co., No. 4.....	5		165	Loaders.....	78	14	52	Hand tools.....	13		48
Jackson Coal Co.....	15		825	Machinemen.....	33	2	65	Machinery.....	1		60
Jewel Coal Co., No. 1.....	11	1	506	Miners.....	116	19	52	Mining machine.....	17	3	69
Jewel Coal Co., No. 2.....	3		209	Motormen.....	11	4	65	Pit cars.....	114	17	62
Jones Bros. Coal Co., No. 2.....	9	1	379	Shot firers.....	4	1	40	Railroad cars.....	1		60
Madison Coal Corp., Crystal.....	12		722	Spraggers.....	3	1	68	Shot explosion.....	4	1	38
Midway Coal Mining Co.....	1		60	Timbermen.....	7	2	54	Struck by objects.....	22	1	53
Moffat Coal Co.....	5		463	Trackmen.....	4		46	Miscellaneous.....	10	4	59
Nashville Mining Co.....	1		36	Trappers.....	4	1	78	Not stated.....	37	6	59
Paradise Coal Co.....	23		1,459	Trip riders.....	22	3	58				
Perry Coal Co., Perco.....	28	9	970								
Randolph Co. Coal Co.....	3	1	95								
St. Louis Coal Co.....	5	2	255								
Security Coal Co.....	28	10	984								
Southern Gem Coal Corp., No. 5.....	16	5	815								
Southern Gem Coal Corp., No. 7.....	3		196								
Southern Gem Coal Corp., No. 10.....	5		300								
Union Col. Co., Kathleen.....	12	1	772								
Victory Coal & Mining Co.....	3		183								
Victory Col. Co., No. 1.....	8	1	388								
Western United Gas C. Co.....	2		161								
Willis Coal Mining Co., No. 1.....	8	2	245								
Willis Coal Mining Co., No. 6.....	17		1,373								
Willis Coal Mining Co., No. 8.....	11	2	572								
Total.....	355	55	17,115		355	55	57		355	55	57

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Union Colliery Co., Kath....	Dowell....	381,973	374,846	1,158		2,605	920
2	Jackson Coal Co.....	Hallidayboro	182,328	167,757			3,792	7,900
3	Consolidated Coal Co., No. 10	Murphysboro	117,392	106,787			3,094	7,511
4	Consolidated Coal Co., No. 9	Murphysboro	106,351	101,255				5,096
5	Western United Gas C. Co., 2	Murphysboro	70,744	68,569			990	1,185
6	Gartside Coal Co., No. 4....	Murphysboro	52,841	31,305			15,480	6,056
7	Midway Coal M. Co., Ward.	DeSoto....	18,678	15,753			358	2,546
8	Jackson-Peacock Coal Co....	DeSoto....	9,195	8,195			1,000	
9	Doran Coal Co.....	Herrin....	1,500	1,400				100
Total.....			941,002	875,867	1,158		27,310	31,314
LOCAL MINES								
1	E. H. Birkner.....	Oraville....	11,410				11,410	
18 mines producing less than 10,000 tons each.....			40,828				39,837	991
Total.....			52,238				51,247	991
Total, all mines.....			993,240	875,867	1,158		78,566	32,305

PERRY

SHIPPING MINE								
1	Equitable C. & C. Co., Maj.	DuQuoin...	378,004	366,824	.....	.....	2,146	9,034
2	Paradise Coal Co.....	DuQuoin...	326,437	234,735	35,041	36,302	3,324	15,000
3	Security Coal & Mining Co.	DuQuoin...	214,933	192,436	7,643	.....	1,249	12,780
4	Southern Gem C. Corp., No. 5	Pinckneyville	170,032	80,269	78,571	.....	4,442	6,750
5	Jewel Coal & M. Co., No. 1.	DuQuoin...	157,129	122,447	20,000	.....	6,307	6,000
6	Willis Coal & M. Co., No. 8.	Willisville...	135,079	4,808	123,866	.....	1,855	1,500
7	Willis Coal & M. Co., No. 1.	Willisville...	114,159	10,893	85,211	.....	2,225	13,090
8	Southern Gem C. Corp., No. 7	Cutler.....	89,549	85,700	1,133	.....	466	2,250
9	Scott-Smith & Co.....	DuQuoin...	82,556	80,806	.....	.....	.....	1,750
10	Victory Collieries Co., No. 1.	Tamaroa....	79,178	70,997	3,796	.....	2,338	2,047
11	Southern Gem C. Corp. No. 10	Cutler.....	76,164	70,212	3,965	.....	754	921
12	Columbia Collieries Co., B.E.	Creig.....	75,628	72,388	.....	.....	1,240	2,000
13	Jewel Coal Co., No. 2.....	DuQuoin...	63,174	30,172	30,000	.....	.....	3,002
14	Victory Coal & M. Co., Vic.	DuQuoin...	48,687	46,187	.....	.....	.....	2,500
15	Bailey Bros Coal Co., No. 1.	DuQuoin...	24,807	17,879	1,814	.....	4,636	360
16	Tamaroa-Little Muddy C. Co.	Tamaroa....	15,930	4,898	8,543	.....	1,802	270
17	Wilson Coal & Mining Co....	Cutler.....	6,367	6,050	.....	.....	.....	317
Total.....			2,057,813	1,497,701	399,583	36,302	32,784	79,571
LOCAL MINES								
12 mines producing less than 10,000 tons each.....			13,634	.....	.....	.....	13,248	386
Total, all mines.....			2,071,447	1,497,701	399,583	36,302	46,032	79,957

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active operation	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Number ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
2,444	545	121	.....	.....	70,675	22	16	.....	381,973	.....	.....	12	1
2,879	379	95	4,877	.....	11,500	7	6	118,169	64,159	23	.....	15	2
.....	123	198	924	.....	.....	4	2	.....	117,392	7	1	7	3
.....	240	108	1,059	.....	.....	7	3	.....	106,351	19	.....	.....	4
.....	91	207	548	.....	.....	3	2	788	69,956	6	.....	2	5
.....	100	167	537	.....	.....	7	.....	3,063	49,778	15	.....	6	6
21	113	46	831	.....	.....	.....	.....	18,678	.....	6	1	1	7
.....	17	196	.....	.....	.....	.....	.....	9,195	.....	.....	.....	.....	8
.....	9	60	70	.....	.....	.....	.....	1,500	.....	.....	.....	.....	9
5,344	1,617	133	8,846	.....	82,175	50	29	151,393	789,609	76	2	43	.....
.....	11	190	.....	.....	.....	.....	.....	11,410	.....	.....	.....	.....	1
.....	97	146	2,736	.....	.....	.....	.....	40,828	.....	.....	.....	.....	.....
.....	108	148	2,736	.....	.....	.....	.....	52,238	.....	.....	.....	.....	.....
5,344	1,725	143	11,582	.....	82,175	50	29	203,631	789,609	76	2	43	.....

COUNTY

.....	502	132	1,635	.....	52,600	18	10	76,573	301,431	21	1	23	1
2,035	515	143	4,333	.....	.....	15	10	132,113	194,324	30	1	23	2
825	418	91	2,615	.....	.....	15	20	.....	214,933	4	.....	28	3
.....	292	178	.....	.....	.....	.....	2	170,032	.....	18	.....	16	4
2,375	210	157	3,143	.....	.....	3	1	87,129	70,000	19	1	11	5
3,050	231	128	1,416	.....	.....	12	3	.....	135,079	14	1	11	6
2,740	173	158	1,341	.....	.....	7	3	.....	114,159	9	.....	8	7
.....	100	179	4,173	.....	.....	.....	.....	89,549	.....	7	.....	3	8
.....	40	123	.....	.....	.....	.....	.....	82,556	.....	.....	.....	.....	9
.....	135	105	2,920	.....	.....	5	1	54,081	25,097	6	.....	8	10
312	161	85	3,205	.....	.....	2	.....	72,084	4,080	14	.....	5	11
.....	155	106	3,326	.....	.....	.....	.....	75,628	.....	14	.....	3	12
.....	130	130	1,055	.....	.....	11	.....	.....	63,174	10	.....	3	13
.....	88	118	973	.....	.....	3	.....	.....	48,687	8	.....	3	14
118	65	156	545	.....	.....	2	1	.....	24,807	5	.....	3	15
417	90	52	640	.....	.....	.....	.....	15,930	.....	9	.....	16	.....
.....	12	76	336	.....	.....	.....	.....	6,367	.....	1	.....	17	.....
11,872	3,317	125	31,656	.....	52,600	93	51	862,042	1,195,771	181	4	148	.....
.....	49	112	509	.....	.....	.....	.....	13,634	.....	.....	.....	.....	.....
11,872	3,366	119	32,165	.....	52,600	93	51	875,676	1,195,771	181	4	148	.....

RANDOLPH

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Moffat Coal Co., No. 1.....	Sparta.....	396,644	18,551	371,835	.....	.....	6,258
2	Willis Coal & M. Co., No. 6..	Percy.....	277,924	42,905	186,439	.....	1,265	44,531
3	Madison Coal Corp., Crystal.	Tilden.....	256,232	.....	248,487	.....	2,849	4,896
4	Illinois Fuel Co., No. 4.....	Sparta.....	163,993	35,174	122,271	.....	.....	5,408
5	Perry Coal Co., P. M.....	Coulterville.	161,601	157,296	.....	.....	1,605	2,700
6	St. Louis Coal Co.....	Coulterville.	109,012	105,387	.....	.....	750	1,875
7	Jones Bros C. & M. Co., No. 2	Tilden.....	104,242	97,400	.....	.....	3,242	3,600
8	Randolph Co. Coal Co., No. 2	Coulterville.	53,467	50,045	.....	.....	1,988	1,434
9	Willis Coal & M. Co., No. 9..	Percy.....	26,474	10,902	14,792	.....	368	412
10	Willis Coal & M. Co., No. 7..	Sparta.....	1,706	542	.....	.....	.....	1,164
Total.....			1,551,295	518,202	943,824	.....	12,067	72,278
LOCAL MINES								
1	Geo. F. Wilson.....	Sparta.....	16,779	.....	.....	.....	16,439	340
2	Thomas Campbell.....	Sparta.....	11,353	.....	.....	.....	10,729	624
3 mines producing less than 10,000 tons each.....			13,804	.....	.....	.....	13,804	.....
Total.....			41,936	.....	.....	.....	40,972	964
Total, all mines.....			1,593,231	518,202	943,824	.....	53,039	73,242

WASHINGTON

SHIPPING MINES								
1	Centralia Coal Co., No. 5....	Centralia...	669,017	12,190	645,179	.....	.....	11,648
2	Nashville Mining Co.....	Nashville..	39,400	12,000	.....	15,000	10,900	1,500
3	Kuhn Col. Co.....	DuBois.....	2,905	1,250	.....	.....	1,335	320
Total.....			711,322	25,440	645,179	15,000	12,235	13,468
LOCAL MINES								
3 mines producing less than 10,000 tons each.....			4,420	.....	.....	.....	4,085	335
Total, all mines.....			715,742	25,440	645,179	15,000	16,320	13,803

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	289	153	7,000	.....	.....	20	4	.....	396,644	35	.....	5	1
2,784	338	167	3,532	.....	.....	15	4	.....	277,924	19	.....	17	2
.....	415	141	2,460	.....	.....	13	2	.....	256,232	23	1	12	3
1,140	224	149	2,330	.....	.....	9	2	.....	163,993	17	.....	5	4
.....	302	122	3,180	.....	.....	8	2	.....	39,341	15	.....	28	5
1,000	204	143	5,176	.....	.....	1	1	.....	109,012	13	.....	5	6
.....	157	140	4,384	.....	.....	2	2	.....	104,242	8	1	9	7
.....	103	121	2,426	.....	.....	2	2	.....	53,467	6	.....	3	8
.....	91	72	368	.....	.....	3	3	.....	26,471	3	.....	.....	9
.....	97	15	.....	.....	.....	6	1	.....	1,706	3	.....	.....	10
4,924	2,220	122	30,856	.....	.....	74	23	306,062	1,245,233	142	2	84	
.....	12	120	860	.....	.....	.....	.....	16,779	.....	.....	.....	.....	1
.....	12	208	325	.....	.....	.....	.....	11,353	.....	.....	.....	.....	2
.....	18	172	633	.....	.....	.....	.....	13,804	.....	.....	.....	.....	..
.....	42	169	1,818	.....	.....	.....	.....	41,936	.....	.....	.....	.....
4,924	2,262	138	32,674	.....	.....	74	23	347,998	1,245,233	142	2	84	

COUNTY

.....	718	224	19,000	.....	.....	13	20	345,517	323,500	.....	1	79	1
.....	67	166	390	.....	.....	2	.....	.....	39,400	4	.....	1	2
.....	58	17	81	.....	.....	.....	.....	2,905	.....	5	.....	.....	3
.....	843	136	19,471	.....	.....	15	20	348,422	362,900	9	1	80	
.....	21	83	166	.....	.....	.....	.....	4,420	.....	.....	.....	.....
.....	864	109	19,637	.....	.....	15	20	352,842	362,900	9	1	80	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Jackson.....	9	941,002	875,867	1,158	.....	27,319	31,314	5,344	.....
Perry.....	17	2,057,813	1,497,701	399,583	36,302	32,784	79,571	11,872	.....
Randolph.....	10	1,551,295	518,202	943,824	.....	12,067	72,278	4,924	.....
Washington.....	3	711,322	25,440	645,179	15,000	12,235	13,468	.....	.....
Total.....	39	5,261,432	2,917,210	1,989,744	51,302	84,405	196,631	22,140	.....

LOCAL MINES, RECAPITULATION

Jackson.....	19	52,238	.....	.....	.....	51,247	991	.....	.....
Perry.....	12	13,634	.....	.....	.....	13,248	386	.....	.....
Randolph.....	5	41,936	.....	.....	.....	40,972	964	.....	.....
Washington.....	3	4,420	.....	.....	.....	4,085	335	.....	.....
Total.....	39	112,228	.....	.....	.....	109,552	2,676	.....	.....

ALL MINES, RECAPITULATION

Jackson.....	28	993,240	875,867	1,158	.....	78,566	32,305	5,344	.....
Perry.....	29	2,071,447	1,497,701	399,583	36,302	46,032	79,957	11,872	.....
Randolph.....	15	1,593,231	518,202	943,824	.....	53,039	73,242	4,924	.....
Washington.....	6	715,742	25,440	645,179	15,000	16,320	13,803	.....	.....
Total.....	78	5,373,660	2,917,210	1,989,744	51,302	193,957	199,307	22,140	.....

BY COUNTIES, NINTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground of	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
1,413	204	1,617	8,846	.....	82,175	133	50	151,393	789,609	29	77	2	43
2,916	401	3,317	31,656	.....	52,600	125	93	862,042	1,195,771	51	181	4	148
2,023	197	2,220	30,856	.....	.....	122	74	306,062	1,245,233	23	142	2	84
778	65	843	19,471	.....	.....	136	15	348,422	362,900	20	18	1	80
7,130	867	7,997	90,829	.....	134,775	127	232	1,667,919	3,593,513	123	418	9	355

BY COUNTIES, NINTH DISTRICT

86	22	108	2,736	.....	.....	148	.....	52,238	.....	.....	.....	.....	.....
31	18	49	509	.....	.....	112	.....	13,634	.....	.....	.....	.....	.....
32	10	42	1,818	.....	.....	169	.....	41,936	.....	.....	.....	.....	.....
11	10	21	166	.....	.....	83	.....	4,420	.....	.....	.....	.....	.....
160	60	220	5,229	.....	.....	135	.....	112,228	.....	.....	.....	.....	.....

BY COUNTIES, NINTH DISTRICT

1,499	226	1,725	11,582	.....	82,175	143	50	203,631	789,609	29	77	2	43
2,947	419	3,366	32,165	.....	52,600	119	93	875,676	1,195,771	51	181	4	148
2,055	207	2,262	32,674	.....	.....	138	74	347,998	1,245,233	23	142	2	84
785	75	860	19,637	.....	.....	106	15	352,842	362,900	20	18	1	80
7,290	921	8,217	96,081	.....	134,775	131	237	1,780,147	3,593,511	123	418	9	355

TENTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Tenth Inspection District, comprising the coal producing county of Franklin.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	1
Number of shipping mines.....	25
Number of local mines.....	.....
Number of employees underground.....	12,855
Number of employees on surface.....	1,985
Total number of employees.....	14,840
Total tons of coal produced.....	9,999,917
Days of active operation, shipping mines.....	123
Days of active operation, local mines.....	.....
Number of fatal accidents.....	27
Number of non-fatal accidents.....	678
Number of employees to each fatal accident.....	550
Number of employees to each non-fatal accident.....	21.9
Tons of coal produced to each fatal accident.....	370,367
Tons of coal produced to each non-fatal accident.....	14,749
Ratio of fatal accidents per 1,000 employees.....	1.82

The Franklin Coal & Coke Company's No. 1 mine has not been in operation during the past year.

FATAL ACCIDENTS

July 8, 1921, Walter Ganclouski, loader, age 35 years, married, was electrocuted by coming in contact with a trolley wire in Southern Gem Coal Corporation's No. 1 mine. He leaves a widow and three children.

July 28, 1921, Roy Smith, motorman, age 26 years, married, was killed by being run over by a motor in Chicago, Wilmington and Franklin Coal Company's Orient mine. He leaves a widow and one child.

August 14, 1921, Harry Rich, assistant night boss, age 35 years, married, was killed in Old Ben Coal Corporation's No. 9 mine by falling rock. He leaves a widow and three children.

September 2, 1921, Milas Carlisle, laborer, age 34 years, married, fell between railroad cars and was killed at Chicago, Wilmington and Franklin Coal Company's Orient mine. He leaves a widow and three children.

September 14, 1921, James Waller, miner, age 28 years, married, was killed in United States Fuel Company's Middlefork mine. Deceased was moving his tools to another place and was riding on a car, the car jumped the track, knocking out timbers and allowing rock to fall on him. He leaves a widow and one child.

September 15, 1921, Tony Masnos, loader, age 28 years, single, was killed by a fall of coal and rock in Old Ben Coal Corporation's No. 14 mine. He leaves his father and mother dependent.

September 26, 1921, George Morris, laborer, age 63 years, married, was struck by a steam valve and killed in Benton Coal Mining Company's No. 2 mine. He leaves a widow.

September 28, 1921, Stanley Grezulis, trip rider, age 19 years, single, was run over by pit cars and killed in Chicago, Wilmington and Franklin Coal Company's Orient mine.

October 1, 1921, Joe Domick, miner, age 54 years, married, was killed in Old Ben Coal Corporation's No. 16 mine by a fall of rock. He leaves a widow and two children.

October 10, 1921, Walter Kewalla, loader, age 28 years, single, came in contact with the trolley wire and was electrocuted in Chicago, Wilmington and Franklin Coal Company's Orient mine.

October 13, 1921, Riley Hall, machineman, age 34 years, married, was killed by falling coal in Bell and Zollar Mining Company's No. 1 mine. He leaves a widow and five children.

October 22, 1921, Arris Ganis, miner, age 46 years, married, was instantly killed by coming in contact with trolley wire in Old Ben Coal Corporation's No. 16 mine. He leaves a widow and two children.

November 14, 1921, John Wieslka, trip rider, age 32 years, married, was crushed to death between motor and coal rib in Bell and Zollar Mining Company's No. 1 mine. He leaves a widow.

December 7, 1921, Andy Pich, loader, age 35 years, widower, was killed by a fall of coal in Bell and Zollar Mining Company's No. 1 mine. He leaves five children.

December 13, 1921, Joe Paskavich, trapper, age 16 years, single, was run over and killed by a motor in Valier Coal Company's mine.

December 22, 1921, Robert Burnett, trip rider, age 21 years, single, was crushed to death between car and rib in Bell and Zollar Mining Company's No. 1 mine. He leaves his father and mother dependent.

December 24, 1921, Roscoe Harris, night boss, age 35 years, died from effects of injuries received the day before by a motor running onto him in Benton Coal Mining Company's No. 1 mine. He leaves a widow and three children.

January 6, 1922, Dan Krainovick, miner, age 25 years, single, was killed by falling coal in Bell and Zollar Mining Company's mine No. 1.

January 14, 1922, Costine Gozdek, miner, age 49 years, married, died from injuries received the day before in Franklin Coal and Coke Company's No. 1 mine by a pit car. The exact way the injury was received is not known. He leaves a widow and one child.

January 21, 1922, Valentine Hofshaur, miner, age 41 years, married, was killed by a fall of rock in Chicago, Wilmington and Franklin Coal Company's Orient mine. He leaves a widow and four children.

February 3, 1922, Mike Donham, driver, age 39 years, single, died from being crushed between mule and car in Benton Coal Company's No. 1 mine three days previous. He leaves his mother dependent.

February 9, 1922, Harold Moore, trip rider, age 21 years, single, died from injuries sustained two days before in Benton Coal Mining Company's No. 1 mine. Deceased was making a flying coupling when he was caught between two cars.

February 13, 1922, George Zizich, miner, age 38 years, single, was killed in Old Ben Coal Corporation's No. 11 mine by falling coal.

February 27, 1922, George Tippling, motorman, age 21 years, single, was killed in Benton Coal Company's No. 1 mine when the motor on which he was riding collided with another one.

February 28, 1922, Thomas Cramer, miner, age 33 years, married, died from injuries sustained the day before in Old Ben Coal Corporation's No. 9 mine. Deceased was taking down top coal when it gave way and in falling struck the handle of his pick, driving it through his stomach and completely severing the small intestine. He leaves a widow and one child.

March 11, 1922, Sherman Parker, laborer, age 33 years, married, was killed by pit cars in Old Ben Coal Corporation's No. 14 mine. He leaves a widow.

March 18, 1922, Howard Phegley, machine helper, age 35 years, married, was electrocuted in United States Fuel Company's Middlefork mine. He leaves a widow and two children.

Respectfully submitted,

E. J. HOEY, *Inspector.*

FATAL CASUALTIES, TENTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. of letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 8	Walter Gancloouski.	35	Loader	West Frankfort..	Southern Gem C. Corp..	1	1	1	1	3	4	Electrocuted
July 28	Roy Smith.	26	Motorman	West Frankfort..	Chi., W. & F. C. Co....	1	1	1	1	3	4	Motor
Aug. 14	Harry Rich.	35	Night boss	Frankfort Heights	Old Ben Coal Corp....	1	1	1	1	3	4	Falling rock
Sept. 2	Milas Carlisle.	34	Laborer	West Frankfort..	Chi., W. & F. C. Co....	1	1	1	1	3	4	R. R. cars
Sept. 14	James Waller.	28	Miner	Benton	U. S. Fuel Co.	1	1	1	1	2	2	Falling rock
Sept. 15	Tony Masnos.	38	Loader	Buckner	Old Ben Coal Corp....	14	1	1	1	2	2	Falling coal
Sept. 26	George Morris.	63	Laborer	Benton	Benton C. M. Co.	1	1	1	1	1	1	Struck by valve
Sept. 28	Stanley Grezulis.	19	Trip rider	West Frankfort..	Chi., W. & F. C. Co....	1	1	1	1	2	3	Pit car
Oct. 1	Joe Domick.	54	Miner	Sesser	Old Ben Coal Corp....	16	1	1	1	2	3	Falling rock
Oct. 10	Walter Kewalla.	28	Loader	West Frankfort..	Chi., W. & F. C. Co....	1	1	1	1	5	6	Electrocuted
Oct. 22	Arrie Ganis.	46	Mch. man	Zeigler	Bell & Zollar Coal Co.	1	1	1	1	2	3	Falling coal
Oct. 23	John Wieska.	32	Miner	Sesser	Old Ben Coal Corp....	16	1	1	1	1	1	Electrocuted
Nov. 17	Andy Pich.	35	Trip rider	Zeigler	Bell & Zollar M. Co.	1	1	1	1	5	5	Motor
Dec. 7	Joe Paskavich, Jr.	16	Trapper	Zeigler	Valier Coal Co.	1	1	1	1	1	1	Falling coal
Dec. 23	Robert Burnett.	21	Trip rider	Zeigler	Bell & Zollar M. Co.	1	1	1	1	2	2	Motor
Dec. 24	Roscoe Harris.	35	Night boss	Herrin	Benton Coal M. Co.	1	1	1	1	3	4	Pit car
1922												
Jan. 6	Dan Krainovich.	25	Miner	Zeigler	Bell & Zollar M. Co.	1	1	1	1	2	2	Falling coal
Jan. 14	Cesline Gozdek.	49	Miner	Royalton	Franklin C. & C. Co.	1	1	1	1	2	2	Pit car
Jan. 21	Valentine Hoshaur.	41	Miner	Orent	Chi., W. & F. C. Co.	1	1	1	1	4	5	Falling rock
Feb. 3	Mike Denham.	39	Driver	Benton	Benton Coal M. Co.	1	1	1	1	1	1	Pit car
Feb. 9	Harold Moore.	21	Trip rider	Benton	Benton Coal M. Co.	1	1	1	1	1	1	Pit car
Feb. 27	George Zizich.	38	Miner	Coele	Old Ben Coal Corp.	11	1	1	1	1	1	Falling coal
Feb. 27	George Typpling.	21	Motorman	Benton	Benton Coal M. Co.	1	1	1	1	1	1	Motor
Feb. 28	Thomas Granger.	33	Miner	Frankfort Heights	Old Ben Coal Corp.	9	1	1	1	1	2	Pick handle
Mar. 11	Sherman Parker.	33	Laborer	Buckner	Old Ben Coal Corp....	14	1	1	1	1	2	Pit car
Mar. 18	Howard Flegley.	35	Mch. helper	Benton	U. S. Fuel Co.	1	1	1	1	2	3	Electrocuted

NON-FATAL ACCIDENTS, TENTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bell & Zoller Mining Co., No. 1.....	20	4	826	Asst. Mine Mgr.	1	1	.....	Animals.....	2	...	55
Bell & Zoller Mining Co., No. 2.....	11	...	413	Blacksmiths...	5	...	79	Cage.....	6	...	107
Benton Coal Mining Co., No. 1.....	9	...	547	Cagers.....	3	...	40	Electricity.....	13	1	55
Benton Coal Mining Co., No. 2.....	7	...	275	Carpenters....	3	...	47	Fall of roof and sides.....	167	13	61
Black Star Coal Co.....	25	3	1,121	Couplers.....	4	...	50	Fall of person...	26	1	63
By-Products Coal Corp., No. 18.....	7	...	224	Drivers.....	22	1	55	Flying particles..	5	...	87
C. W. & F. Coal Co., No. 1.....	61	...	2,961	Fireman.....	1	...	90	Gas explosion...	1	...	37
Franklin Coal & Coke Co., No. 1.....	35	6	2,396	Foreman.....	1	1	.....	Hand tools.....	9	...	50
Franklin County Mining Co.....	26	4	1,153	Laborers.....	43	5	57	Lifting.....	53	1	57
Old Ben Coal Corp., No. 8.....	35	...	1,910	Loaders.....	303	16	59	Machinery.....	1	...	176
Old Ben Coal Corp., No. 9.....	28	...	1,756	Machinemen...	73	3	57	Mining machine..	39	1	58
Old Ben Coal Corp., No. 10.....	33	1	1,857	Miners.....	78	11	59	Motor.....	10	...	81
Old Ben Coal Corp., No. 11.....	40	1	2,139	Mine examiner	11	...	52	Pit cars.....	182	15	61
Old Ben Coal Corp., No. 12.....	23	...	1,464	Motormen.....	11	...	52	Railway cars....	2	...	39
Old Ben Coal Corp., No. 14.....	47	...	2,878	Trackmen.....	23	...	53	Shot explosion...	8	4	55
Old Ben Coal Corp., No. 15.....	7	...	284	Timbermen...	26	4	60	Struck by objects	66	1	51
Old Ben Coal Corp., No. 16.....	24	...	1,750	Trappers.....	9	...	53	Miscellaneous...	31	3	50
Old Ben Coal Corp., No. 19.....	7	...	418	Trip riders....	70	4	57	Not stated.....	57	6	53
Southern Gem Coal Co., No. 1.....	39	2	2,424								
Southern Gem Coal Co., No. 2.....	28	2	1,818								
Taylor Mining Co., No. 5.....	18	...	1,093								
U. S. Fuel Co., M. F.....	35	8	1,699								
Valier Coal Co.....	43	1	3,201								
Western Coal & Mining Co., No. 2..	70	14	2,890								
Total.....	678	46	37,247		678	46	59		678	46	59

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Chicago, W. & P. C. Co., No. 1	Orient.....	1,104,802	904,755	161,990	.....	2,897	24,539
2	Bell & Zoller M. Co., No. 1..	Zeigler.....	1,078,534	973,021	46,362	1,038	7,205	33,552
3	Western C. & M. Co., No. 2..	Bush.....	633,233	.....	981,611,754	.....	4,475	14,889
4	Bell & Zoller M. Co., No. 2..	Zeigler.....	551,657	309,636	220,639	.....	.....	13,777
5	Franklin C. & C. Co., No. 1..	Royalton...	550,703	473,792	57,601	.....	5,710	10,110
6	Old Ben Coal Corp., No. 11..	Christopher.	537,355	439,977	55,417	.....	3,216	27,995
7	Old Ben Coal Corp., No. 8...	W. Frankfort	531,356	479,069	12,277	.....	8,731	17,347
8	Old Ben Coal Corp., No. 9...	W. Frankfort	494,833	431,658	10,393	49	8,562	29,740
9	Southern Gem C. Corp., No. 1	W. Frankfort	481,272	342,250	100,000	.....	14,969	15,055
10	Franklin Co. Mining Co.....	Benton.....	430,521	396,823	12,980	.....	11,636	3,872
11	United States Fuel Co., M.F..	Benton.....	419,849	53,254	.....	.....	1,325	1,770
12	Valier Coal Co.....	Valier.....	391,347	.....	386,355	.....	3,424	1,568
13	Old Ben Coal Corp., No. 14..	Buckner.....	381,832	316,153	41,307	.....	3,107	17,418
14	Southern Gem C. Corp., No. 2	Sesser.....	330,676	200,877	102,315	.....	2,534	14,281
15	Taylor Coal Co., No. 5.....	Herrin.....	320,265	303,107	.....	.....	1,632	10,880
16	Old Ben Coal Corp., No. 10..	Christopher.	317,798	275,572	24,221	.....	8,548	6,518
17	Benton Coal M. Co., No. 1..	Benton.....	299,288	246,174	23,608	.....	1,223	9,966
18	Black Star Coal Co.....	Logan.....	265,742	225,808	23,787	.....	4,419	10,780
19	Old Ben Coal Corp., No. 16..	Sesser.....	203,479	91,259	86,297	.....	5,334	14,600
20	By-ProductsCokeCorp., No. 18	W. Frankfort	171,396	166,859	.....	.....	1,126	2,639
21	Old Ben Coal Corp., No. 12..	Christopher.	169,965	137,511	23,266	.....	3,266	4,965
22	Benton Coal Co., No. 2.....	Benton.....	124,354	88,011	26,690	.....	2,216	5,719
23	Old Ben Coal Corp., No. 15..	Ezra.....	115,027	102,269	8,980	.....	399	315
24	Old Ben Coal Corp., No. 19..	Rend.....	69,702	32,129	26,722	.....	2,236	5,745
25	By-ProductsCokeCorp., No. 19	W. Frankfort	24,931	23,071	.....	.....	1,012	848
Total			9,999,917	7,014,016	2,062,961	1,087	120,202	298,888

*"Delivered to washery," but no other disposition shown.

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
10,621	1,108	196			137,775	51	31	24,877	1,079,925		5	61	1
17,356	1,128	199			222,125	43	29	95,898	982,636		1	5	20
1,134	766	215	4,941		150,600	20	20	297,616	335,617	4			70
7,605	675	167			112,025	34	21		551,657				11
3,490	632	176			54,450	30	13		550,703	10	1	35	5
10,750	739	135			70,200	33	20	66,576	470,779			1	40
13,932	858	99			48,800	42	21		531,356	1		35	7
14,431	927	95			50,275	37	20	1,605	493,226		2	28	8
8,998	547	155			67,525	30	11		481,272	24	1	39	9
5,200	457	158		100	71,450	18	7		430,521	18		26	10
*363,500	740	126			83,350	30	10		419,849	29	2	35	11
	597	97			68,502	35	22		391,347	1	1	43	12
3,847	605	114			55,300	31	19	15,338	366,494	1	2	47	13
10,669	539	117			47,325	30	18		330,676			28	14
4,646	379	160	5,136		49,225	7		150,080	170,185			18	15
2,939	478	120			49,425	18	17	76,473	241,325	1		33	16
7,317	449	136			28,350	23	10		299,288	16	4	9	17
7,948	422	135			61,975	23	4		265,742	20		25	18
5,989	506	94			35,725	31	21	535	202,944	2	2	24	19
772	319	107	1,218		30,450	12	10		171,396	1		7	20
957	574	67			27,525	18	15	10,148	159,817	1		23	21
1,718	335	83			23,175	21	5		124,354	23	1	7	22
3,064	385	61			18,825	22	10		115,027	1		7	23
2,870	331	51			16,100	14	4		69,702	18		7	24
.....	344	18			6,325	12	3		24,931	35		25	25
502,763	14,840	123	11,295	100	1,586,802	665	361	739,146	9,260,771	207	27	678	

ELEVENTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Eleventh Inspection District, comprising the coal producing counties of Gallatin, Saline, Wabash, and White.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	20
Number of local mines.....	19
Number of employees underground.....	5,686
Number of employees on surface.....	607
Total number of employees.....	6,293
Total tons of coal produced.....	4,158,307
Days of active operation, shipping mines, average.....	130
Days of active operation, local mines, average.....	139
Number of fatal accidents.....	24
Number of non-fatal accidents.....	346
Number of employees to each fatal accident.....	262
Number of employees to each non-fatal accident.....	18.2
Tons of coal produced to each fatal accident.....	173,263
Tons of coal produced to each non-fatal accident.....	1,218
Ratio of fatal accidents per 1,000 employees.....	3.8

The Harrisburg Collieries Company's Harco mine was not reported for 1921.

The following mines were reported in 1921, but have been idle during the past year and are abandoned or temporarily closed: Gallatin Coal & Coke Co., Turnes Coal Co., O'Gara Coal Company's Nos. 9 and 14, Big Creek Coals Incorporation mines 4, 5 and 6, and Harrisburg Fuel Co.

FATAL ACCIDENTS

July 18, 1921, Bert Sewell, electrician helper, age 21 years, married, was thrown off cage and fell to bottom of shaft and was instantly killed in Big Creek Coals Company's mine No. 2. He leaves a widow.

July 27, 1921, William P. Rawlins, driver, age 23 years, married, was caught between a loaded car and trap door and injured so badly that he died the next day, in Big Creek Coals Company's No. 3 mine. He leaves a widow.

August 20, 1921, J. A. Wilson, timberman, age 67 years, married, was killed by a fall of rock in Hickory Hill Coal Company's mine. He leaves a widow.

August 31, 1921, a gas explosion occurred in Harrisburg Colliery Company's Harco mine, in which twelve men lost their lives. The name, age, occupation, and conjugal relation of the men are as follows:

David Stewart, miner, age 42 years, married, leaves a widow and six children; Herbert Reeder, miner, age 28 years, married, leaves a widow and three children; Herschel Vaughn, miner, age 26 years, married, leaves a widow and two children; John Luther, miner, age 48 years, married, leaves a widow and one child; Hiram Brown, miner, age 27 years, married, leaves a widow and two children; Lyman Bulkley, miner, age 18 years, single; George Hunter, miner, age 32 years, married, leaves a widow and one child; George Warwick, miner, age 30 years, single; Ernie Goodrich, miner, age 34 years, widower, leaves three children; Mike Mosco, miner, age 38 years, married, leaves a widow and four children; and Charles Mosco, miner, age 36 years, single.

August 31, 1921, John Smith, trackman, age 47 years, married, was killed in O'Gara Coal Company's No. 11 mine by falling rock. He leaves a widow and five children.

September 2, 1921, Thomas Ritson, miner, age not given, married, was suffocated in Harrisburg Colliery Company's Harco mine. Deceased, at the time, was a member of the rescue team who were exploring that portion of the mine in which the explosion of gas occurred on the 31st day of August, when, through some disarrangement of his breathing apparatus, he was overcome by afterdamp. He leaves a widow.

November 3, 1921, Henry Hood, loader, age 33 years, married, died from injuries received two days previous by a fall of rock in J. K. Dering Coal Company's No. 2 mine. He leaves a widow and three children.

November 5, 1921, Paul Bardos, miner, age 48 years, married, died from injuries received the day before by a fall of coal in Saline Gas Coal Company's mine. He leaves a widow and five children.

November 18, 1921, Elbert Johnson, laborer, age 33 years, single, and Omer Dick, laborer, age 22 years, single, were killed in O'Gara Coal Company's No. 11 mine by rock falling down shaft. Johnson leaves his mother dependent.

January 4, 1922, William Shuneman, timberman, age 34 years, married, was killed in Harrisburg Colliery Company's Harco mine by a fall of rock. He leaves a widow.

January 11, 1922, Samuel Mills, miner, age 30 years, married, was killed by falling rock in O'Gara Coal Company's No. 8 mine. He leaves a widow and three children.

January 17, 1922, Virgil Clayton, trip rider, age 23 years, single, was killed by a motor in Wasson Coal Company's No. 1 mine. Deceased jumped off motor while in motion to turn the switch. He jumped too high, struck his head against the roof, and fell back in front of motor, which ran over him.

February 12, 1922, Walter Baugh, miner, age 50 years, married, was killed by falling rock in O'Gara Coal Company's No. 11 mine. He leaves a widow.

Respectfully submitted,

THOMAS ENGLISH, *Inspector.*

FATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 18	Bert Sewell.....	21	Electrician	Harrisburg.....	Big Creek Coal Co.	2	1	1	1	1	1	Fell down shaft
July 27	Wm. P. Rawlins.....	23	Driver.....	Harrisburg.....	Big Creek Coal Co.	3	1	1	1	1	1	Pit car
Aug. 20	L. A. Wilson.....	67	Timberman	Danville.....	Hickory Hill Coal Co....	1	1	1	1	1	1	Falling rock
Aug. 31	Herbert Reeder.....	28	Miner.....	Harco.....	Harrisburg Col. Co.....	1	1	1	1	3	4	Suffocation
Aug. 31	David Steward.....	42	Miner.....	Harrisburg.....	Harrisburg Col. Co.....	1	1	1	1	6	7	Suffocation
Aug. 31	Hershel Vaughn.....	26	Miner.....	Dorrisville.....	Harrisburg Col. Co.....	1	1	1	1	2	3	Suffocation
Aug. 31	John Luther.....	48	Miner.....	Harco.....	Harrisburg Col. Co.....	1	1	1	1	1	2	Suffocation
Aug. 31	Hiram Brown.....	27	Miner.....	Harrisburg.....	Harrisburg Col. Co.....	1	1	1	1	2	3	Suffocation
Aug. 31	Lyman Bulkley.....	18	Miner.....	Harrisburg.....	Harrisburg Col. Co.....	1	1	1	1	1	2	Suffocation
Aug. 31	George Hunter.....	32	Miner.....	Harrisburg.....	Harrisburg Col. Co.....	1	1	1	1	3	3	Suffocation
Aug. 31	George Warwick.....	30	Miner.....	Harrisburg.....	Harrisburg Col. Co.....	1	1	1	1	4	5	Suffocation
Aug. 31	Ernie Goodrich.....	34	Miner.....	Harrisburg.....	Harrisburg Col. Co.....	1	1	1	1	1	1	Suffocation
Aug. 31	Mike Mosco.....	36	Miner.....	Harco.....	Harrisburg Col. Co.....	1	1	1	1	1	1	Suffocation
Aug. 31	Charles Mosco.....	30	Miner.....	Harco.....	Harrisburg Col. Co.....	11	1	1	1	5	6	Falling rock
Aug. 31	John Smith.....	47	Trackman	Eldorado.....	O'Gara Coal Co.....	1	1	1	1	1	1	Suffocation
Sept. 2	Tom Riston.....	33	Miner.....	Maddy.....	Harrisburg Col. Co.....	1	1	1	1	1	1	Falling rock
Nov. 5	Henry Hood.....	38	Loader.....	Eldorado.....	L. K. Deang Coal Co....	2	1	1	1	3	4	Suffocation
Nov. 5	Paul Baros.....	33	Miner.....	Harrisburg.....	Saline Gas Coal Co.....	1	1	1	1	5	6	Falling coal
Nov. 18	Elbert Johnston.....	33	Laborer.....	Cottage Grove.....	O'Gara Coal Co.....	11	1	1	1	1	1	Rock fell down shaft
Nov. 18	Omer Dick.....	22	Laborer.....	Christopher.....	O'Gara Coal Co.....	11	1	1	1	1	1	Rock fell down shaft
1922												
Jan. 4	Wm. Shuneman.....	34	Timberman	Harrisburg.....	Harrisburg Col. Co.....	1	1	1	1	1	1	Falling rock
Jan. 11	Samuel Mills.....	30	Miner.....	Eldorado.....	O'Gara Coal Co.....	8	1	1	1	3	4	Falling rock
Jan. 17	Virgil Clayton.....	23	Trip rider.	Wasson.....	Wasson Coal Co.....	1	1	1	1	1	1	Motor
Feb. 12	Walter Baugh.....	50	Miner.....	Gillespie.....	O'Gara Coal Co.....	11	1	1	1	1	1	Falling rock

NON-FATAL ACCIDENTS, ELEVENTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Big Creek Coals, Inc., No. 2.....	22	1	1,510	Blacksmiths.....	2	1	32	Animals.....	6	1	56
Big Creek Coals, Inc., No. 3.....	41	1	2,186	Couplers.....	3	1	67	Boiler explosion..	1	...	32
Dering, J. K., No. 2.....	24	3	1,615	Drivers.....	39	3	63	Electricity.....	2	...	57
Harrisburg Coal Mining Co., No. 1..	2	...	66	Fireman.....	1	1	...	Fall of person....	7	3	72
Hickory Hill Coal Co.....	6	1	176	Laborers.....	30	4	68	Fall of roof and sides.....	88	11	65
O'Gara Coal Co., No. 1.....	36	4	1,938	Loaders.....	184	20	61	Flying particles..	1	...	53
O'Gara Coal Co., No. 3.....	28	2	1,950	Machinemen....	37	7	67	Gas explosion....	2	...	50
O'Gara Coal Co., No. 8.....	14	2	883	Miners.....	10	3	62	Hand tools.....	9	2	53
O'Gara Coal Co., No. 10.....	22	1	1,099	Motormen....	6	...	59	Lifting.....	19	2	62
O'Gara Coal Co., No. 11.....	23	...	1,354	Shot firers....	2	...	55	Mining machine..	21	5	59
O'Gara Coal Co., No. 12.....	2	...	58	Spraggers.....	2	1	33	Motor.....	1	1	...
O'Gara Coal Co., No. 15.....	20	...	1,169	Timbermen....	4	...	113	Pit car.....	122	13	62
Saline Gas Coal Co.....	6	2	211	Trackmen.....	4	...	85	Railway car.....	2	1	30
Southern Counties Coal Co., No. 20.	41	5	2,821	Trapper.....	1	...	30	Struck by object..	18	1	54
Wasson Coal Co., No. 1.....	43	16	1,237	Trip riders....	21	4	50	Miscellaneous....	28	2	68
Wasson Coal Co., No. 2.....	9	7	124					Not stated.....	19	3	72
White County Mining Co.....	7	1	421								
Total.....	346	45	18,876		346	45	63		346	45	63

GALLATIN

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
1	SHIPPING MINES							
	Hickory Hill Coal Co.	Equality....	62,261	59,485	.....		486	2,290
	LOCAL MINES							
	8 mines producing less than 10,000 tons each.....	.....	4,635	.....	.....		4,635	.....
	Total, all mines. ....	.....	66,896	59,485	.....		5,121	2,290

SALINE

SHIPPING MINES								
1	Harrisburg Col. Co., Harco..	Harco.....	590,386	39,972	536,152	.....	3,262	11,000
2	Big Creek Coals, Inc., No. 3.	Harrisburg..	522,270	508,161	.....	.....	7,097	7,012
3	Wasson Coal Co., No. 1.....	Harrisburg..	352,204	340,894	.....	.....	.....	1,210
4	Sou. Counties C. Co., No. 20..	Eldorado....	323,552	307,206	.....	.....	6,080	10,033
5	O'Gara Coal Co., No. 1.....	Harrisburg..	321,540	296,557	20,028	.....	12	4,943
6	Big Creek Coals, Inc., No. 2.	Ledford.....	268,108	260,372	.....	.....	2,319	5,417
7	O'Gara Coal Co., No. 10.....	Eldorado....	255,467	186,629	15,072	.....	21,115	7,397
8	J. K. Dering Coal Co., No. 2.	Eldorado....	236,826	227,290	.....	1,049	3,151	5,336
9	O'Gara Coal Co., No. 3.....	Harrisburg..	232,822	65,409	134,456	.....	8,698	8,705
10	O'Gara Coal Co., No. 8.....	Eldorado....	208,746	182,143	6,445	.....	9,514	9,548
11	O'Gara Coal Co., No. 11.....	Eldorado....	198,607	73,070	116,075	.....	.....	5,525
12	O'Gara Coal Co., No. 15.....	Harrisburg..	176,354	111,973	47,794	.....	1,584	5,404
13	Harrisburg C.M.Co., Blue Bird	Harrisburg..	140,770	139,577	.....	.....	634	264
14	O'Gara Coal Co., No. 12.....	Harrisburg..	41,229	29,024	7,691	.....	1,064	1,380
15	Saline Gas Coal Co., No. 1...	Harrisburg..	40,099	23,487	15,577	.....	159	876
16	Wasson Coal Co., No. 2.....	Harrisburg..	32,402	28,065	.....	.....	550	3,787
17	Heato Coal Co., No. 1.....	Carriers Mills	29,000	29,000	.....	.....	.....	.....
18	Dodds Coal Co., No. 1.....	Carriers Mills	23,475	21,792	.....	.....	251	1,426
	Total.....	.....	3,993,857	2,870,621	899,290	1,049	65,496	89,263
LOCAL MINES								
	10 mines producing less than 10,000 tons each.....	.....	16,047	.....	.....	.....	15,397	650
	Total, all mines.....	.....	4,009,904	2,870,621	899,290	1,049	80,893	89,913

WABASH

LOCAL MINE								
1	A. B. Keen.....	Mt. Carmel.	500	.....	.....	.....	500	.....

WHITE

SHIPPING MINE								
1	White Co. Mining Co.....	Norris City.	81,007	69,870	.....	808	6,812	2,909

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	179	84	1,547	.....	.....	6	2	.....	62,261	14	1	6	1
.....	23	153	247	.....	.....	.....	.....	4,635	.....	.....	.....	.....	.....
.....	202	145	1,794	.....	.....	6	2	4,635	62,261	14	1	6	.....

COUNTY

.....	625	204	.....	.....	.....	32	.....	.....	590,386	2	13	.....	1
.....	591	183	.....	.....	.....	30	17	.....	522,270	10	1	41	2
10,100	464	137	4,191	.....	.....	24	7	30,854	321,350	38	1	43	3
233	388	224	.....	46,050	.....	19	3	.....	323,552	31	.....	41	4
.....	485	142	2,519	9,000	.....	25	4	.....	321,540	42	.....	36	5
.....	446	141	2,368	.....	.....	16	5	.....	268,108	46	1	22	6
25,254	322	173	.....	33,875	.....	16	4	.....	255,467	40	.....	22	7
.....	388	124	.....	.....	.....	12	10	.....	236,826	.....	1	24	8
15,554	411	112	1,835	7,525	.....	25	4	.....	232,822	44	.....	28	9
1,096	273	146	582	25,675	.....	13	3	.....	208,746	32	1	14	10
3,937	295	162	.....	28,600	.....	16	3	.....	198,607	45	4	23	11
9,599	357	95	1,748	.....	.....	18	4	.....	176,354	45	.....	20	12
295	138	175	.....	17,800	.....	4	2	.....	140,770	14	.....	2	13
2,070	246	39	.....	6,425	.....	9	3	.....	41,229	32	.....	2	14
.....	96	110	1,697	.....	.....	.....	.....	40,099	.....	14	1	6	15
.....	225	29	1,380	.....	.....	17	8	.....	32,402	.....	.....	9	16
.....	41	150	290	.....	.....	1	.....	.....	29,000	3	.....	.....	17
.....	70	71	440	.....	300	2	.....	1,191	22,284	8	.....	.....	18
68,138	5,861	134	16,050	.....	175,250	279	77	72,144	3,921,713	446	23	333	.....
.....	40	123	671	.....	.....	.....	.....	16,047	.....	.....	.....	.....	.....
68,138	5,901	130	16,721	175,250	279	77	88,191	3,921,713	446	23	333

COUNTY

.....	2	200	50	500	1
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COUNTY

608	188	91	598	6	81,007	30	7	1
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Gallatin.....	1	62,261	59,485	.....	.....	486	2,290	.....	.....
Saline.....	18	3,993,857	2,870,621	899,290	1,049	65,496	89,263	68,138	153,951
White.....	1	81,007	69,870	.....	808	6,812	2,909	608	.....
Total.....	20	4,137,125	2,999,976	899,290	1,857	72,794	94,462	68,746	153,951

LOCAL MINES, RECAPITULATION

Gallatin.....	8	4,635	.....	.....	.....	4,635	.....	.....	.....
Saline.....	10	16,047	.....	.....	.....	15,397	650	.....	.....
Wabash.....	1	500	.....	.....	.....	500	.....	.....	.....
Total.....	19	21,182	.....	.....	.....	20,532	650	.....	.....

ALL MINES, RECAPITULATION

Gallatin.....	9	66,896	59,485	.....	.....	5,121	2,290	.....	.....
Saline.....	28	4,009,904	2,870,621	899,290	1,049	80,893	89,913	68,138	153,951
Wabash.....	1	500	.....	.....	.....	500	.....	.....	.....
White.....	1	81,007	69,870	.....	808	6,812	2,909	608	.....
Total.....	39	4,158,307	2,999,976	899,290	1,857	93,326	95,112	68,746	153,951

BY COUNTIES, ELEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
159	20	179	1,547	.....	.....	84	6	.....	62,261	2	14	1	6
5,306	555	5,861	16,050	.....	175,250	134	279	72,144	3,921,713	77	448	23	333
167	21	188	598	.....	.....	91	6	.....	81,007	.....	30	.....	7
5,632	596	6,228	18,195	.....	175,250	130	291	72,144	4,064,981	79	492	24	346

BY COUNTIES, ELEVENTH DISTRICT

21	2	23	247	.....	.....	153	.....	4,635	.....	.....	.....	.....	.....
32	8	40	671	.....	.....	123	.....	16,047	.....	.....	.....	.....	.....
1	1	2	50	.....	.....	200	.....	500	.....	.....	.....	.....	.....
54	11	65	968	.....	.....	139	.....	21,182	.....	.....	.....	.....	.....

BY COUNTIES, ELEVENTH DISTRICT

180	22	202	1,794	.....	.....	145	6	4,635	62,261	2	14	1	6
5,338	563	5,901	16,721	.....	175,250	130	279	88,191	3,921,713	77	448	23	333
1	1	2	50	.....	.....	200	.....	500	.....	.....	.....	.....	7
167	21	188	648	.....	.....	91	6	.....	81,007	.....	30	.....	.....
5,686	607	6,293	19,163	.....	175,250	134	291	93,326	4,064,981	79	492	24	346

TWELFTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Twelfth Inspection District, comprising the coal producing counties of Johnson and Williamson.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	2
Number of shipping mines.....	50
Number of local mines.....	31
Number of employees underground.....	11,041
Number of employees on surface.....	1,513
Total number of employees.....	12,554
Total tons of coal produced.....	8,741,789
Days of active operation, shipping mines, average.....	123
Days of active operation, local mines, average.....	102
Number of fatal accidents.....	24
Number of non-fatal accidents.....	399
Number of employees to each fatal accident.....	523
Number of employees to each non-fatal accident.....	31.5
Tons of coal produced to each fatal accident.....	364,241
Tons of coal produced to each non-fatal accident.....	21,909
Ratio of fatal accidents per 1,000 employees.....	1.91

NEW MINES

Southern Illinois Coal Company, Marion; Carterville Fuel Company, Herrin; and Hampton Coal Co., Carterville. The latter was operated last year as a local mine.

CHANGE OF NAME

T. G. Warden Coal Co. to Sunnyside Coal Co., Ridge Coal Co. to Sincerity Coal Co., Fifth Vein Coal Co. to Brinkley Coal Co., and Marion-Pittsburg Coal Co. to Ernest Coal Co., No. 2 mine.

THE FOLLOWING MINES WERE NOT OPERATED

Watson Coal Co. No. 1, Southern Gem Coal Co., and Block Coal Co. Nos. 1 and 2 mines.

FATAL ACCIDENTS

August 1, 1921, Joe Fontanetta, miner, age 43 years, married, died from the effects of burns received while drilling out a misfired shot in Scranton Coal Mining Company's mine five days previous. He leaves a widow and seven children.

August 5, 1921, James W. Richardson, laborer, age 53 years, married, was killed at No. 7 mine, Consolidated Coal Company, by being run over by a railroad car. He leaves a widow and one child.

August 22, 1921, James Isaacs, machine helper, age 22 years, single, was killed in Sanford Coal Company's mine by a mining machine. He leaves one dependent, his mother.

August 26, 1921, Ed Blackburn, driver, age 32 years, married, was killed by pit cars in Scranton Coal Mining Company's mine. He leaves a widow and one child.

September 12, 1921, George Vuckorick, timberman, age 29 years, married, died from injuries received two days before by an explosion of gas in Consolidated Coal Company's No. 8 mine. He leaves a widow.

September 26, 1921, Frank Trasp, trip rider, age 25 years, single, was caught between the motor and rib and killed in Old Ben Coal Corporation's No. 18 mine.

October 7, 1921, Oscar Hall, miner, age 33 years, married, was killed by a fall of rock in Freeman Coal Mining Company's mine. He leaves a widow and two children.

October 18, 1921, Theodore Jeter, miner, age 52 years, married, was killed in Peabody Coal Company's No. 3 mine by being caught between pit car and wall in refuge place where he had gone to get out of the way of an empty trip. Deceased was on his way out and the motor coming in with an empty trip, he went into the refuge place. The motor left the track about ten feet beyond the refuge place, doubling up the cars, breaking the coupling on one so that it turned squarely into the refuge place and pinned him against the stopping. He died before reaching the surface. He leaves a widow and three children.

October 23, 1921, Con Perry, face boss, age 38 years, married, died from injuries received four days before in Old Ben Coal Corporation's No. 18 mine by an explosion of dynamite shots. He leaves a widow and four children.

October 25, 1921, James Babka, miner, age 45 years, single, died from injuries received the day before by being caught between pit car and coal face in Old Ben Coal Corporation's No. 18 mine.

October 27, 1921, John Morris, miner, age 20 years, single, was killed by coming in contact with a trolley wire in Consolidated Coal Company's Lake Creek mine.

October 27, 1921, John Tortino, miner, age 38 years, married, was killed by a fall of coal in Old Ben Coal Corporation's No. 17 mine. He leaves a widow and four children.

November 4, 1921, Louis Pisoni, miner, age 49 years, married, was killed in Chicago, Wilmington and Franklin Coal Company's mine "A" by coming in contact with a trolley wire. He leaves a widow.

November 23, 1921, James E. Oliver, timberman, age 24 years, single, died from injuries received by falling slate in Cameron Coal Company's mine five days previous.

November 29, 1921, Mark Wanless, miner, age 26 years, single, was killed by falling slate in Big Muddy Coal Company's No. 26 mine.

December 14, 1921, Harry Barnes, miner, age 39 years, married, was killed by a fall of slate in Big Muddy Coal Company's No. 26 mine. He leaves a widow and four children.

December 19, 1921, Andrew Anderson, shot firer, age 26 years, married, and Charles Powell, shot firer, age 29 years, married, were killed by powder explosion caused by firing dead holes in Slogo Coal Company's mine. Anderson leaves a widow and two children and Powell leaves a widow and three children.

January 28, 1922, Quincy Gooden, trip rider, age 22 years, single, was riding on front end of trip of cars when he fell off and was run over and killed in Consolidated Coal Company's No. 7 mine. He leaves his father and mother dependent.

January 31, 1922, Norman Howes, miner, age 36 years, married, died from injuries received by a fall of coal three weeks previous in Big Muddy Coal Company's No. 26 mine. He leaves a widow.

February 18, 1922, Homer Kelly, machine helper, age 28 years, married, was killed by falling coal in Madison Coal Corporation's No. 8 mine. He leaves a widow and one child.

February 21, 1922, Limmie Kelly, driver, age 21 years, married, fell off the cage while being hoisted out of Cameron Coal Company's mine and was killed. He leaves a widow.

April 13, 1922, Charles Stebouebi, miner, age 46 years, single, died from injuries received March 29 in Searls Coal Company's mine by a fall of coal.

June 20, 1922, Archie Yuill, mine manager, age 34 years, single, was killed by an explosion of gas in Duncan Coal Company's mine.

Respectfully submitted,

W. L. MORGAN, *Inspector.*

FATAL CASUALTIES, TWELFTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Aug. 1	Joe Fontanetta	43	Miner	Marion	Scranton Coal M. Co.	7	1	1	1	7	8	Powder explosion
Aug. 5	Jas. W. Richardson	53	Laborer	Herrin	Consolidated Coal Co.	7	1	1	1	1	2	Railway car
Aug. 22	James Isaacs	22	Mch. helper	Paulton	Sandford Coal Co.	3	1	1	1	1	1	Machine
Aug. 26	Ed. Blackburn	32	Driver	Marion	Scranton Coal M. Co.	3	1	1	1	1	1	Pit car
Sept. 12	George Vuckerich	29	Timberm'n	Clifford	Consolidated Coal Co.	8	1	1	1	1	1	Gas explosion
Sept. 26	Frank Trasp	25	Trip rider	Johnston City	Old Ben Coal Corp.	18	1	1	1	1	1	Motor
Oct. 7	Oscar Hall	33	Miner	Herrin	Freeman Coal M. Co.	3	1	1	1	1	3	Falling rock
Oct. 18	Theodore Jeter	52	Miner	Marion	Peabody Coal Co.	3	1	1	1	1	4	Pit car
Oct. 23	Con Perry	38	Face boss	Johnston City	Old Ben Coal Corp.	18	1	1	1	1	5	Dynamite explosion
Oct. 25	James Babka	45	Miner	Johnston City	Old Ben Coal Corp.	18	1	1	1	1	1	Pit car
Oct. 26	John Morris	20	Miner	Johnston City	Consolidated Coal Co.	L. C.	1	1	1	1	1	Electrocuted
Oct. 27	John Tortino	38	Miner	Johnston City	Old Ben Coal Corp.	17	1	1	1	1	4	Falling coal
Nov. 4	Louis Pisoni	49	Miner	Herrin	Chi., W. & F. Co.	"A"	1	1	1	1	1	Electrocuted
Nov. 23	James E. Oliver	24	Timberm'n	Pittsburg	Cameron Coal Co.	26	1	1	1	1	1	Falling slate
Nov. 29	Mark Wanless	26	Miner	Johnston City	Big Muddy Coal Co.	26	1	1	1	1	4	Falling slate
Dec. 14	Harry Barnes	39	Miner	Johnston City	Big Muddy Coal Co.	26	1	1	1	1	2	Falling slate
Dec. 19	Andrew Anderson	26	Shot firer	Marion	Slogo Coal Co.	1	1	1	1	1	3	Powder explosion
Dec. 19	Chas. Powell	29	Shot firer	Marion	Slogo Coal Co.	1	1	1	1	1	4	Powder explosion
1922												
Jan. 28	Quincy Gooden	22	Trip rider	Herrin	Consolidated Coal Co.	7	1	1	1	1	2	Pit car
Jan. 31	Norman Howes	36	Miner	Johnston City	Big Muddy Coal Co.	26	1	1	1	1	1	Falling coal
Feb. 18	Homer Kelly	28	Mch. helper	Johnston City	Madison Coal Corp.	8	1	1	1	1	1	Fell down shaft
Feb. 21	Limmie Kelly	21	Driver	Dewmaine	Cameron Coal Corp.	8	1	1	1	1	2	Falling coal
April 13	Charles Stehenebi	46	Miner	Pittsburg	Searls Coal Co.	1	1	1	1	1	1	Falling coal
June 20	Archie Vuill	34	Mine Mgr.	Johnston City	Duncan Coal Co.	1	1	1	1	1	1	Gas explosion

NON-FATAL ACCIDENTS, TWELFTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Big Muddy Coal Co., No. 26.....	14	1	760	Blacksmith.....	1	...	63	Animals.....	7	1	51
Cameron Coal Co.....	7	...	366	Cagers.....	6	2	62	Boiler explosion... 1	...	...	30
Carterville B. M. Coal Co.....	6	2	259	Carpenter.....	1	1	...	Electricity.....	5	...	53
Chicago-Big Muddy Coal Co.....	2	...	161	Couplers.....	3	...	35	Fall of person....	11	2	62
C. W. & F. Coal Co., "A".....	26	2	1,556	Drivers.....	55	4	56	Fall of roof and sides.....	82	13	62
C. W. & F. Coal Co., "B".....	12	...	688	Firemen.....	2	...	69	Flying particles..	2	1	39
Consolidated Coal Co., No. 7.....	40	13	1,047	Laborers.....	26	8	58	Gas explosion... 5	...	...	49
Consolidated Coal Co., No. 8.....	32	13	1,012	Loaders.....	55	2	59	Hand tools.....	18	1	51
Consolidated Coal Co., L. C.....	12	7	191	Machinemen... 26	3	47	Lifting.....	23	5	42	
Ernest Coal Co., No. 1.....	9	...	437	Miners.....	172	29	54	Machinery.....	4	...	60
Ernest Coal Co., No. 2.....	5	...	272	Mine exam'rs..	2	...	36	Mining machine..	15	2	56
Federal Coal Co., No. 25.....	5	...	282	Mine Manager..	1	...	30	Pit car.....	128	13	58
Hafer Wash Coal Co.....	7	...	294	Motormen.....	6	1	42	Powder explosion 3	...	...	64
Johnston City Wash Coal Co.....	8	2	343	Shot firers....	2	1	90	Shot explosion... 2	1	...	140
Madison Coal Corp., No. 8.....	9	1	360	Timbermen....	12	...	49	Struck by object..	44	12	49
Madison Coal Corp., No. 9.....	36	2	1,657	Trackmen.....	11	...	47	Miscellaneous... 31	1	...	36
Madison Coal Corp., No. 12.....	12	4	461	Trappers.....	3	1	49	Not stated.....	16	1	57
Old Ben Coal Corp., No. 17.....	11	...	597	Trip riders....	15	2	64				
Old Ben Coal Corp., No. 18.....	7	...	377								
Old Ben Coal Corp., No. 20.....	16	...	928								
Orchard Coal Co.....	4	...	183								
Peabody Coal Co., No. 3.....	23	...	1,194								
Pratt Bros. Coal Co., No. 1.....	13	...	974								
Sanford Coal Co.....	4	...	267								
Scranton C. M. Co.....	7	...	376								
Searls Coal Co.....	10	...	436								
Sincerity Coal Co.....	4	...	194								
Slogo Coal Corp.....	13	4	439								
Sunnyside Mining Co.....	10	...	671								
Taylor Coal Co., No. 1.....	5	1	175								
Taylor Coal Co., No. 2.....	12	1	645								
Taylor Coal Co., No. 3.....	17	1	1,156								
Watson Coal Co., No. 3.....	1	...	46								
Total.....	399	54	18,798	.....	399	54	54	.....	399	54	54

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	3 mines producing less than 10,000 tons each.....		5,825				5,825	

WILLIAMSON

SHIPPING MINES								
1	Madison Coal Corp., No. 9...	Dewmaine...	570, 665	550, 270			4, 785	15, 610
2	Peabody Coal Co., No. 3....	Marion....	558, 145	535, 591	11, 682	834		
3	Consolidated Coal Co., No. 7	Herrin.....	464, 960	404, 297	18, 388		10, 396	15, 485
4	Chicago, W. & P. C. Co., "A"	Herrin.....	429, 439	351, 967	18, 947		6, 596	15, 583
5	Big Muddy Coal Co., No. 26.	Marion....	392, 749	386, 747			1, 672	4, 107
6	Pratt Bros. Coal Co., Jeffery	Herrin.....	350, 944	58, 173	288, 113		2, 099	2, 559
7	Freeman Coal Mining Co.,	Herrin.....	327, 980	309, 695	1, 448		2, 752	9, 226
8	Consolidated Coal Co., No. 8	Clifford....	323, 857	58, 063	238, 238		2, 792	16, 815
9	West Virginia Coal Co., No. 1	Marion....	320, 520		311, 844		4, 626	4, 050
10	Ernest Coal Co., No. 1.....	JohnstonCity	312, 856	303, 527			1, 886	5, 370
11	Madison Coal Corp., No. 8...	Dewmaine...	300, 020	284, 758			2, 532	12, 730
12	Consolidated Coal Co., L. C.	JohnstonCity	284, 092	184, 729	87, 379		2, 004	9, 980
13	Searls Coal Co., No. 25.....	JohnstonCity	281, 600	265, 669			6, 292	6, 062
14	Federal Coal Co., No. 25.....	Cartersville..	278, 484	271, 847			2, 788	3, 154
15	Old Ben Coal Corp., No. 18...	JohnstonCity	271, 333	212, 647	47, 969		2, 117	7, 306
16	St. Louis Coal & Iron Co.,	JohnstonCity	229, 004	224, 918	402		994	2, 690
17	Scranton Coal Mining Co.,	Marion....	206, 279	160, 225	45, 548			506
18	Henderson-Wallace Coal Co.,	Marion....	184, 760	177, 926	64, 425			2, 409
19	Madison Coal Corp., No. 12.	Cambria....	184, 092	178, 169			1, 093	4, 830
20	Taylor Coal Co., No. 2.....	Herrin.....	179, 474	154, 778			5, 212	9, 000
21	Slogo Coal Corp., No. 1.....	Marion....	168, 756	143, 420	19, 440		5, 896	
22	Johnston City Washed C. Co.	Whiteash...	167, 956	75, 730	85, 271		1, 094	5, 522
23	Sanford Coal Co., No. 3.....	Marion....	160, 816	148, 222		4, 346	652	7, 555
24	Chicago-Big M. C. & M. Co.	Marion....	155, 351	114, 250	39, 933		703	2, 322
25	Old Ben Coal Corp., No. 20...	Herrin.....	143, 000	104, 287	22, 855		1, 252	8, 899
26	Cameron Coal Co., No. 1.....	Marion....	130, 720	125, 945			2, 160	2, 114
27	Old Ben Coal Corp., No. 17...	JohnstonCity	129, 987	104, 285	16, 164		1, 608	5, 883
28	Sunnyside Mining Co., No. 1...	Herrin.....	128, 555	59, 513	55, 218		3, 071	10, 142
29	Orchard Coal Co., No. 1.....	Marion....	125, 271	113, 323	7, 171		200	4, 577
30	Sincerity Coal Co., No. 1.....	Marion....	117, 553	115, 223			472	1, 426
31	Binkley Coal Co., No. 1.....	Marion....	108, 877	33, 877	75, 000			
32	Taylor Coal Co., No. 3.....	Herrin.....	98, 473	96, 547				1, 926
33	Hafer Washed Coal Co., No. 3	Cartersville..	88, 641	69, 278	13, 975		646	3, 234
34	Ernest Coal Co., No. 2.....	Pittsburg...	88, 213	82, 664			605	4, 829
35	Southern Illinois Coal Co.,	Marion....	84, 500	8, 450	76, 050			
36	Cartersville-Big M. C. Co., John	Herrin.....	77, 034	68, 900	766		1, 888	5, 480
37	Taylor Coal Co., No. 1.....	Herrin.....	65, 803	61, 936			139	3, 728
38	Chicago, W. & P. M. Co., "B"	Herrin.....	58, 654	49, 215	6, 080			3, 170
39	Sunrise Coal Co., No. 1.....	Cambria....	50, 430	28, 411			1, 500	
40	New Prosperity C. Co., No. 1.	Herrin.....	21, 559	20, 914			625	15
41	Coal Belt Coal Co., No. 1.....	Marion....	19, 734	19, 634			100	
42	Hampton Coal Co., No. 1.....	Cartersville..	13, 065	11, 500			1, 565	
43	Duncan Coal Co., No. 1.....	Herrin.....	12, 565	8, 255			254	3, 601
44	Leah Coal Co., No. 1.....	Cambria....	10, 572	10, 488			84	
45	Watson Coal Co., No. 2.....	Herrin.....	10, 073	9, 600	383		90	
46	Cartersville-Blk. Diamond C. Co.	Herrin.....	3, 111	99	2, 813		199	
47	Herrin & Big Muddy C. Co.,	Herrin.....	2, 700	2, 400			200	100
48	Cartersville Fuel Co., No. 1...	Herrin.....	2, 389	438	1, 853		20	78
49	Vulcan Coal Co., No. 1.....	Marion....	1, 860	860			1, 000	
50	Watson Coal Co., No. 3.....	Herrin.....	1, 543	1, 543				
Total			8, 679, 014	6, 701, 204	1, 557, 355	5, 180	86, 659	222, 073

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	9	107	311					5,825					1

COUNTY

.....	583	176	19,977			13	17	351,595	219,070	2		36	1
10,038	572	199	12,166		12,950	21	5	100,429	457,716	40	1	23	2
16,394	504	180	20,058				7	464,960		18	2	40	3
36,346	438	145	3,579		51,350	20	9	50,391	379,048	38	1	26	4
223	404	186	7,948			19	3	34,671	358,078	20	3	14	5
.....	477	175	16,008	150				350,944		26		13	6
7,949	350	178	6,362		19,300	8	2	79,322	248,658	19	1	32	7
4,859	538	120	13,610		6,550	17	7	249,319	74,538	18	1		8
.....	320	179	4,756			12	3	16,187	304,333	16			9
2,073	310	102			65,560	22	9	48,734	264,122	13			9
.....	322	202	9,582			4		233,104	66,916		1		10
.....	411	111	6,955		10,000	5	11	193,275	90,817		1		12
3,577	381	139	552		38,700	16	5	34,021	247,579	16	1		10
695	295	176	10,887					278,484					5
1,294	517	88	3	292	51,800	32	14	7,351	263,982		3		7
.....	310	163	5,431		25,175	6	5	122,526	106,478	24			16
.....	300	146	6,808				2	206,279		20	2		7
.....	222	149	5,760			6	2	94,623	90,137	8			18
.....	224	220	4,437			7	6		184,092	1			12
10,484	284	137	8,010				2	179,474					12
.....	273	148	6,663			6	1	103,849	64,907	17	2		13
339	336	95	5,896			4	3	110,572	57,384	20			8
41	238	158			37,900		6		160,816		1		4
143	187	136	2,562		125	7	3		155,351	11			2
5,707	360	82			32,300	15	8		143,000	12			16
500	181	94	4,993					130,720		18	2		7
2,047	360	55		100	25,625	21	10		129,987	12	1		11
611	357	48	5,261			3	5	124,942	3,613	20			10
.....	212	138	2,321		16,250	8		47,808	77,463	20			4
432	265	93	4,798			6	2	87,627	29,926	14			4
.....	179	180	7,211					108,877		6			3
.....	200	98	4,178					98,473		24			17
1,508	183	97	3,589				1	88,641		13			7
115	175	62			27,525	16	5		88,213	8			5
.....	48	102	350		100			84,500					3
.....	248	90				4	3	43,743	33,291	12			6
.....	200	67	3,260		2,700		2	65,803		12			5
189	377	36	690		8,350	8	3	24,534	34,120	18			12
519	64	101	1,600					30,430		5			3
5	28	175	900	20				21,559		2			4
.....	20	104	200	500	700			19,734					40
.....	12	206	650					13,065		1			4
455	26	78	17		6,345	2	2	605	11,960	2	1		4
.....	30	79	612					10,572		2			4
.....	49	41	517					10,073					4
.....	16	61	155					3,111					6
.....	5	172	130					2,700		1			7
.....	17	20			350			2,389		2			8
.....	11	48	90					1,860					9
.....	6	135	75					1,543					15
106,541	12,425	123	219,607	1,062	439,653	308	163	4,333,399	4,345,615	521	24		399

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	28 mines producing less than 10,000 tons each.....		56,950				56,374	576
	Total, all mines.....		3,735,964	5,701,204	557,355	5,180	143,033	222,649

COUNTY—concluded.

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	120	102	1,760	.....	.....	.....	.....	56,950	.....	.....	.....	.....	.....
106,541	12,545	116	221,367	1,062	439,653	308	163	4,390,349	4,345,615	521	24	399	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Williamson . . .	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541	728,273

LOCAL MINES, RECAPITULATION

Johnson	3	5,825	.....	.....	.....	5,825	.....	.....	.....
Williamson	28	56,950	.....	.....	.....	56,374	576	.....	.....
Total	31	62,775	.....	.....	.....	62,199	576	.....	.....

ALL MINES, RECAPITULATION

Johnson	3	5,825	.....	.....	.....	5,825	.....	.....	.....
Williamson	78	8,735,964	6,701,208	1,557,353	5,180	143,033	222,649	106,541	728,273
Total	81	8,741,789	6,701,208	1,557,353	5,180	148,858	222,649	106,541	728,273

BY COUNTIES, TWELFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground of	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
10,933	1,492	12,425	219,607	1,062	439,653	123	308	4,333,399	4,345,615	163	536	24	399

BY COUNTIES, TWELFTH DISTRICT

7	2	9	311	.....	.....	107	.....	5,825	.....	.....	.....	.....	.....
101	19	120	1,760	.....	.....	102	.....	56,950	.....	.....	.....	.....	.....
108	21	129	2,071	.....	.....	102	.....	62,775	.....	.....	.....	.....	.....

BY COUNTIES, TWELFTH DISTRICT

7	2	9	311	.....	.....	107	.....	5,825	.....	.....	.....	.....	.....
11,034	1,511	12,545	220,367	1,062	439,653	116	308	4,390,349	4,345,615	163	536	24	399
11,041	1,513	12,554	221,678	1,062	439,653	116	308	4,396,174	4,345,615	163	536	24	399

SUPPLEMENT

REPORT OF DIVISION OF INSPECTION

REPORT OF DIVISION OF MINERS' EXAMINING BOARD

REPORT OF DIVISION OF MINE RESCUE AND FIRST AID

REPORT OF DIVISION OF ECONOMIC INVESTIGATION

REPORT OF STATE MINING BOARD

LIST OF MINE MANAGERS

LIST OF HOISTING ENGINEERS

LIST OF MINE EXAMINERS

REPORT OF DIVISION OF INSPECTION

Number of days worked inspecting mines.....	1,330
Number of days worked at other classified duties.....	1,426
Number of days worked at miscellaneous service.....	695

Total days worked.....3,451

Average days for each inspector.....	288
Average number of mines inspected.....	116
Average number of days inspecting mines.....	111
Average number of days in other classified work.....	119
Average number of days in miscellaneous service.....	58

The following table gives a summary of the specific work done by the inspectors during the year and shows what per cent. of the time was spent in the various duties of their office and the number of days worked:

SUMMARY OF SPECIFIC WORK REPORT FOR YEAR ENDED JUNE 30, 1922

District	Inspecting mine s						Other classified duties— days worked								Miscel- laneous services		
	Ship- ping		Local		Total		Per cent. of time inspecting mines	Investigating accidents	Testing scales	Investigating complaints	Office work	Traveling	Total days in other classified duties	Per cent. of time in oth- er classified duties	Days worked	Per cent. of time	Total days
	Number inspected	Days worked	Number inspected	Days worked	Number inspected	Days worked											
First.....	38	60	53	48	91	108	38.7	3	..	30	29	41	103	36.9	68	24.4	279
Second.....	70	69	79	32	149	101	34.8	6	8	10	59	24	107	36.9	82	28.3	290
Third.....	65	61	368	143	433	204	73.9	2	1	..	12	16	31	11.2	41	14.9	276
Fourth.....	88	131	49	33	137	164	53.8	6	3	48	37	2	96	31.5	45	14.7	305
Fifth.....	65	79	36	31	101	110	36.5	17	1	44	39	31	132	43.8	59	19.7	301
Sixth.....	58	115	14	9	72	124	42.8	18	7	20	35	22	102	35.2	64	22.0	290
Seventh.....	39	64	14	11	53	75	25.5	13	5	58	64	16	156	53.1	63	21.4	294
Eighth.....	81	81	..	..	81	81	26.1	8	16	50	107	..	181	58.4	48	15.5	310
Ninth.....	80	91	28	22	108	113	38.7	6	5	58	33	26	128	43.8	51	17.5	292
Tenth.....	34	81	..	..	34	81	27.6	18	4	85	35	19	161	54.8	52	17.6	294
Eleventh.....	43	58	6	6	49	64	22.1	16	5	60	10	27	118	40.8	107	37.1	289
Twelfth.....	71	99	10	6	81	105	45.5	24	14	25	28	20	111	48.1	15	6.4	231
Total.....	732	989	657	341	1,389	1,330	38.5	137	69	488	488	244	1,426	41.3	695	20.2	3,451

REPORT OF MINERS' EXAMINING BOARD

We, the Miners' Examining Board, submit to you our annual report for the fiscal year ending June 30, 1922. During the year one certificate has been cancelled, the name and number of certificate being Engra Landreth, 60,073, Cantrall. This certificate was cancelled for the reason that, upon a thorough investigation, it was proven beyond doubt that the man had not served sufficient time at the face mining coal. In connection with this case we have filed complaint with the States attorney of Sangamon County.

The date, place of meeting, and the result of the examinations held follow:

Date	Place of meeting	Number of applicants	Certificates issued	Number rejected	Revenue collected
July	11, 1921 Harrisburg	59	53	6	\$106.00
	12, 1921 Marion	140	122	18	244.00
	13, 1921 West Frankfort	165	135	30	270.00
	14, 1921 Sesser	73	48	25	96.00
	15, 1921 DuQuoin	102	94	8	188.00
	16, 1921 Collinsville	44	36	8	72.00
	18, 1921 Gillespie	38	38	.....	76.00
	19, 1921 Springfield	68	52	16	104.00
	20, 1921 Pana	12	12	.....	24.00
	21, 1921 Danville	14	14	.....	28.00
	22, 1921 Canton	25	20	5	40.00
	23, 1921 Peoria	37	37	.....	74.00
Aug.	6, 1921 Belleville	65	59	6	118.00
	8, 1921 Harrisburg	73	66	7	132.00
	9, 1921 Herrin	157	142	15	284.00
	10, 1921 West Frankfort	124	111	13	222.00
	11, 1921 Zeigler	139	110	29	220.00
	12, 1921 DuQuoin	116	116	.....	232.00
	13, 1921 Staunton	57	53	4	106.00
	18, 1921 Taylorville	41	36	5	72.00
	19, 1921 Danville	33	30	3	60.00
	20, 1921 LaSalle	91	80	11	160.00
	22, 1921 Peoria	37	27	10	54.00
	23, 1921 Springfield	71	58	13	116.00
Sept.	6, 1921 Decatur	30	30	.....	60.00
	7, 1921 Danville	7	5	2	10.00
	8, 1921 Canton	46	37	9	74.00
	8, 1921 Galesburg	47	38	9	76.00
	9, 1921 Rushville	9	9	.....	18.00
	9, 1921 Peoria	26	22	4	44.00
	10, 1921 Springfield	39	29	10	58.00
	15, 1921 Staunton	63	55	8	110.00
	16, 1921 Collinsville	84	74	10	148.00
	17, 1921 Harrisburg	166	151	15	302.00
	19, 1921 Herrin	322	297	25	594.00
	20, 1921 Benton	166	144	22	288.00
	21, 1921 DuQuoin	100	87	13	174.00
	22, 1921 Sparta	90	82	8	164.00
Oct.	4, 1921 Harrisburg	111	100	11	200.00
	5, 1921 Herrin	104	88	16	176.00
	6, 1921 West Frankfort	104	78	26	156.00
	7, 1921 Sesser	62	51	11	102.00
	8, 1921 DuQuoin	65	59	6	118.00
	10, 1921 Belleville	84	79	5	158.00
	11, 1921 Staunton	90	71	19	142.00
	12, 1921 Springfield	155	132	23	264.00
	13, 1921 Lincoln	29	29	.....	58.00
	14, 1921 Danville	68	54	14	108.00
	15, 1921 Pontiac	5	5	.....	10.00

Date	Place of meeting	Number of applicants	Certificates issued	Number rejected	Revenue collected
Oct. 17, 1921	Peoria	71	53	18	\$106.00
18, 1921	LaSalle	90	78	12	156.00
Nov. 1, 1921	Harrisburg	146	130	16	260.00
2, 1921	Johnston City	234	225	9	450.00
3, 1921	Benton	192	172	20	344.00
4, 1921	DuQuoin	95	85	10	170.00
5, 1921	Centralia	71	63	8	126.00
7, 1921	Collinsville	124	106	18	212.00
8, 1921	Gillespie	82	76	6	152.00
9, 1921	Nokomis	57	41	16	82.00
14, 1921	Springfield	172	140	32	280.00
15, 1921	Danville	31	30	1	60.00
16, 1921	Canton	77	69	8	138.00
17, 1921	Peoria	56	51	5	102.00
29, 1921	South Wilmington	14	12	2	24.00
Dec. 8, 1921	Belleville	126	117	9	234.00
9, 1921	Harrisburg	104	91	13	182.00
10, 1921	Herrin	325	289	36	578.00
12, 1921	West Frankfort	225	199	26	398.00
13, 1921	DuQuoin	126	112	14	224.00
14, 1921	Staunton	93	77	16	154.00
15, 1921	Carlinville	14	14		28.00
16, 1921	Springfield	108	104	4	208.00
17, 1921	Decatur	40	35	5	70.00
19, 1921	Danville	53	49	4	98.00
20, 1921	LaSalle	85	79	6	158.00
21, 1921	Peoria	47	44	3	88.00
Jan. 5, 1922	Decatur	20	20		40.00
7, 1922	Danville	19	15	4	30.00
9, 1922	Canton	30	26	4	52.00
10, 1922	Peoria	20	16	4	32.00
11, 1922	Springfield	67	54	13	108.00
12, 1922	Gillespie	46	40	6	80.00
13, 1922	Collinsville	79	69	10	138.00
14, 1922	Coulterville	60	52	8	104.00
14, 1922	Percy	45	45		90.00
16, 1922	DuQuoin	93	82	11	164.00
17, 1922	Harrisburg	64	56	8	112.00
18, 1922	Marion	130	117	13	234.00
19, 1922	Benton	162	150	12	300.00
Feb. 8, 1922	Belleville	126	122	4	244.00
9, 1922	Harrisburg	50	40	10	80.00
10, 1922	Herrin	111	101	10	202.00
11, 1922	West Frankfort	150	115	15	230.00
13, 1922	Sesser	70	62	8	124.00
14, 1922	DuQuoin	52	47	5	88.00
15, 1922	Staunton	64	47	17	94.00
16, 1922	Springfield	95	79	16	158.00
17, 1922	Lincoln	11	7	4	14.00
18, 1922	Danville	39	32	7	64.00
20, 1922	Peoria	35	25	10	50.00
21, 1922	Spring Valley	71	63	8	126.00
Mar. 1, 1922	Collinsville	25	22	3	44.00
2, 1922	Harrisburg	33	33		66.00
3, 1922	Cartersville	51	47	4	94.00
4, 1922	Johnston City	59	56	3	112.00
6, 1922	Benton	65	52	9	112.00
7, 1922	DuQuoin	23	20	1	44.00
8, 1922	Staunton	27	20	7	40.00
9, 1922	Springfield	37	33	4	66.00
10, 1922	Taylorville	43	43		86.00
11, 1922	Danville	16	16		32.00
13, 1922	Canton	25	25		50.00
14, 1922	Peoria	12	11	1	22.00
April 17, 1922	Belleville	48	42	6	84.00
18, 1922	Harrisburg	20	16	4	32.00
19, 1922	Herrin	32	31	1	62.00
20, 1922	West Frankfort	13	11	2	22.00
21, 1922	DuQuoin	16	16		32.00
22, 1922	Centralia	24	22	2	44.00
24, 1922	Gillespie	18	17	1	34.00
25, 1922	Springfield	7	7		14.00

Date	Place of meeting	Number of applicants	Certificates issued	Number rejected	Revenue collected
April 26, 1922	Pana	20	16	4	\$ 32.00
27, 1922	Danville	20	15	5	30.00
28, 1922	Peoria	4	2	2	4.00
29, 1922	LaSalle	9	6	3	12.00
June 1, 1922	Springfield	6	6	.....	12.00
29, 1922	Springfield	5	5	.....	10.00
	Total	9,058	7,971	1,087	\$15,942.00

Total number of candidate examined.....	9,058
Total number of candidates rejected.....	1,087
Total number of certificates issued.....	7,971
Revenue collected.....	<u>\$15,942</u>

Rejections classified as follows:

Lack of evidence.....	700
Lack of English language.....	200
Lack of less than two years at face.....	100
No knowledge of mining law.....	87

Total.....	<u>1,087</u>
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Number of men claiming to have lost certificate by fire, theft, etc.....	500
Number of certificates issued to miners' sons under 21.....	701

Respectfully submitted,

WM. HALL, *President*,
 JOS. C. VIANO,
 BILLIE HOGAN,
 JOHN MULIGAN, *Secretary*.

REPORT OF MINE RESCUE AND FIRST AID

The following is the fifth annual report of the Division of Mine Rescue and First Aid, and is for the year ending June 30, 1922:

FIRES AND EXPLOSIONS

The LaSalle team received the following calls:

On January 25 they were called to fight a fire in the LaSalle County Carbon Coal Co.'s mine at Peru and continued night and day until January 31, when fire was under control. They rescued a mine examiner 1,200 feet from the shaft bottom on January 25.

On February 26 they were again called to the same mine to fight fire and extinguished the fire by sealing it off.

Springfield Station received a call for pulmotor on April 6, 1922, to revive a man buried in the sewer.

October 13, 1921, called to Devereux mine to examine fire.

The DuQuoin Station received the following calls:

October 24, 1921, for use of pulmotor in DuQuoin.

October 24, 1921, to aid in fighting fire at the Paradise mine.

January 19, 1922, the team was called to fight the fire at Midway Coal Co.'s mine at Ward; the pumpman was found dead.

February 1, 1922, to open up the mine at Ward.

The Herrin Station received the following calls:

July 5, 1921, the team was called to assist at fire at mine "B" of the C. W. & F. Coal Co.

August 15, 1921, opened the seal at mine "B," C. W. & F. Coal Co.

September 10, 1921, assisted at explosion in Consolidated Coal Co.'s mine No. 8.

September 10, 1921, called to fight fire at mine No. 3 of the Hafer Washed Coal Co.

January 3, 1922, opened the seal at mine No. 8, Consolidated Coal Co.

January 17, 1922, called to fight fire at Pond Creek mine.

January 18, 1922, called to fight fire at Ward mine, DeSoto.

January 18, 1922, called to fight fire at Jeffery mine.

January 28, 1922, opened seal at Pond Creek mine.

February 4, 1922, opened seal at Jeffery mine.

April 16, 1922, call for pulmotor at Herrin.

May 21, 1922, call for pulmotor at Jeffery mine.

At each of the Mine Rescue Stations there is a team of five men who train at regular intervals so that in case of calls they will be in the very best condition to render efficient help in saving the lives of any men that might be caught in a mine, whether a fire has occurred or some other accident has taken place.

It is a matter of vital importance that persons wearing mine rescue apparatus should be physically fit and should understand the mechanism of the apparatus, also have a good general knowledge of mining and be able to understand mine plans, hence the need of constant practice and study.

During the year 1922, there was a decrease in the number of calls for Mine Rescue teams, due in part to the coal strike and partly because of greater care taken by the coal companies. As a whole the year was a little better than the average,

and we see no reason why that with the increased number of mine employees that are being trained in First Aid and Mine Rescue work that coal mine accidents should not decrease.

We desire to thank all who assisted in the work of the Division of Mine Rescue and First Aid and urge a greater number of mines accept the training that is being offered by the State in the work.

During the year, 1,341 certificates have been issued as follows:

933 First Aid certificates to miners; 72 to women, girls, and boys completing the First Aid course.

336 certificates have been given to miners completing the Mine Rescue work.

Respectfully submitted,

MARTIN BOLT, Assistant Director.

REPORT OF DIVISION OF ECONOMIC INVESTIGATION

JAMES E. ANDERSON, INVESTIGATOR

The report of this division follows the same general plan as that of former years.

The last legislature passed the Metal Mines Act and a new division was created to be known as the Fluorspar Inspection Division, consequently the report of Fluorspar, Lead, and Zinc has been eliminated and will appear in a separate volume later.

TABLE 1.—LIMESTONE

Number	Name of operator and address of main office if other than that of plant	Location of plant		Production, quantity, in tons	Employees	Days worked	Explosives used	
		Post office	County				Powder, kegs	Dynamite, pounds
1	Alpha Portland Cement Co.	LaSalle.	LaSalle.	244,000	194	283	.....	80,000
2	Anna Stone Co.	Anna.	Union.	90,000	45	250	.....	18,000
3	Belvidere Stone Co.	Belvidere.	Boone.	30,000	15	150	.....	6,000
4	Brownell Improvement Co., Chicago.	Thornton.	Cook.	350,000	50	225	.....	27,000
5	Carrio Stone & Lumber Co.	Rockford.	Winnebago.	55,000	25	250	.....	12,000
6	Casper-Stolle Quarry & Contracting Co.	East St. Louis.	St. Clair.	141,365	14	300	.....	33,800
7	Charles Stone Co., The.	Marion.	Johnson.	69,845	15	240	.....	25,000
8	City of Chicago House of Correction	Chicago.	Cook.	42,931	100	224	.....	6,000
9	Chicago Union Lime Works Co.	Chicago.	Cook.	187,500	89	300	.....	30,000
10	Consumers Co., 111 West Washington St., Chicago.	Chicago.	Cook.	105,000	32	230	.....	12,000
	Same.	Leront.	Cook.	135,000	43	140	.....	60,670
	Same.	LaGrange.	Cook.	439,235	100	169	604	85,500
11	Dolsee & Shepherd Co., 108 South LaSalle St., Chicago.	LaGrange.	Cook.	364,216	77	209	.....	101,256
12	East St. Louis Stone Co.	East St. Louis.	St. Clair.	40,116	45	196	243	4,434
13	Elmhurst Chicago Stone Co.	Elmhurst.	DuPage.	226	8	199	.....	30,300
14	Federal Stone Co.	LaGrange.	Cook.	75,000	10	215	.....	80,000
15	Hawkes, John L.	Marshall.	Clark.	250	5	25	.....	50
16	Illinois Limestone Co., Robinson, Ill.	West York.	Clark.	2,937	5	50	.....	850
17	Illinois State Penitentiary	Joliet.	Will.	97,225	144	197	.....	32,000
18	Illinois Steel Co.	Peatmont.	Vermilion.	1,333,470	240	300	.....	450,000
19	Johnson, Jonas	Pecatonica.	Winnebago.	347,700	1	120	.....	1,000
20	Lehigh Portland Cement Co.	Oglesby.	LaSalle.	349,344	350	321	.....	110,968
21	Lehigh Stone Co.	Kankakee.	Kankakee.	433,035	30	215	.....	158,750
22	Lincoln Crushed Stone Co.	Joliet.	Will.	59,000	3	200	.....	6,000
23	Marblehead Lime Co., 159 North State St., Chicago.	Quincy.	Adams.	7,008	28	300	.....	9,275
	Same.	Marblehead.	Adams.	9,589	32	300	.....	11,431
24	Meyer, W. D., 2nd and Washington Sts., Quincy.	Quincy.	Adams.	900	4	97	.....	275
25	Mississippi Lime & Material Co.	Alton.	Madison.	53,040	40	300	.....	34
	Same.	do.	do.	53,896	25	250	.....	10,045
	Same.	do.	do.	534	10	18	.....	1,439
	Same.	do.	do.	16,913	20	200	.....	5,938
26	Peoples Crushed Stone Co.	Chicago.	Cook.	30,000	10	50	.....	200
27	Port Byron Lime Association	Port Byron.	Rock Island.	375	12	150	.....	200
28	Reliance Whiting Co.	Alton.	Madison.	3,000	12	300	.....	2,000
29	Roadler & Greenman Stone Co.	Quincy.	Adams.	5,500	9	200	80	61,000
30	Sandusky Cement Co.	Dixon.	Lee.	250,000	240	300	.....	9,640
31	Stearns Lime & Stone Co.	Chicago.	Cook.	37,583	66	308	.....	80,000
32	Superior Stone Co.	LaGrange.	Cook.	126,918	60	270	.....	7,000
33	Western Quarries Co., 104 South Michigan Ave., Chicago.	Leront.	Cook.	186,000	100	176	150	7,000
34	Western Whiting & Mfg. Co.	Elmhurst.	Jersey.	9,847	12	200	.....	2,200
35	Utica Hydraulic Cement Co.	Utica.	LaSalle.	20,000	30	220	.....	24,000

TABLE 2—OIL AND GAS

Num- ber	Name of operator	Post office address of operator	County in which well is located	Num- ber of wells	Average depth in feet	Production		Em- ploy- ees	Explosives used, nitro- glycerine, quartz
						Oil, barrels of 42 gallons	Gas, 1,000 cubic feet		
1	American Oil Development Co.	1414 Oliver Bldg., Pittsburgh, Pa.	Clark	60	400	14,102		7	440
2	Same.	do	Crawford	106	950	37,900		11	
	Associated Products Co.	Robinson, Ill.	Coles	13	400	2,622		1	
	Same.	do	Clark	178	400	76,826		19	1,590
	Same.	do	Crawford	994	1,000	288,614		88	90
	Same.	do	Lawrence	96	1,500	51,395		11	
	Same.	do	Wabash	2	1,500	2,082		1	
3	Central Refining Co.	Lawrenceville, Ill.	Lawrence	5	1,450	5,646		1	
	Same.	do	Lawrence	156	1,300	111,434		40	
	Same.	do	Crawford	298	1,100	81,612		41	
	Same.	do	Clark	35	1,500	4,990		8	
4	Lee and Frank Cole, Trustee.	do	Clark	8	590	528		1	
5	Craig & Lowrie.	808 Columbia Bank Bldg., Pittsburgh, Pa.	Crawford	103	950	44,476		13	
6	Same.	do	Lawrence	10	1,200	2,528		1	
7	DuBois Oil Co.	Du Bois, Pa.	Crawford	3	900	3,633		1	
8	Freehold Oil & Gas Co.	do	Crawford	116	1,000	28,173		19	
	Hazewood Oil Co.	613 People's Gas Bldg., Pitts- burgh, Pa.	Crawford	43	847	11,497		5	
9	Hudson Oil Co.	Parkersburg, W. Va.	Clark	18	600	2,169		2	
10	Indian Refining Co.	do	Lawrence	229	1,500	265,902		53	
	Same.	do	Clark	55	1,800	16,740		10	
	Same.	do	Marion	8	1,500	7,562		4	
11	Jennings Oil Co.	Columbia Hall Bank, Pitts- burgh, Pa.	Lawrence	3	1,615	853		1	
12	Liberty Oil & Gas Co.	343 Pa. Ave., W., Warren, Pa.	Crawford	34	1,000	13,703		3	
13	Mallory & Crawford.	do	Crawford	39	950	12,473		6	
14	W. C. McBride, Inc.	506 Olive St., St. Louis, Mo.	Crawford	19	1,050	13,075	4,500	10	
	Same.	do	Clark	32	860	4,504	425	6	
15	Mehrlley & Shaw.	Robinson, Ill.	Crawford	7	1,030	4	50,000	1	
16	New York Petroleum Co.	Parkersburg, W. Va.	Crawford	11	900	6,517		2	
17	Pemberton Oil & Gas Co.	do	Richland	19	1,450	18,250		1	120
18	Petro Oil & Gas Co.	Security Bldg., St. Louis, Mo.	Marion	10	780	11,850		6	
19	Say Ramapo.	Oil City, Pa.	Crawford	10	950	2,666		2	
20	Louis & Adolph Schorran	do	Crawford	9	880	1,988		1	
21	W. W. St. Lane.	560 Chambers Bldg., Oil City, Pa.	Crawford	15	900	5,641		3	
22	Selby-Cisler Products Co.	Tulsa, Okla.	Crawford	68	950	60,361		10	

TABLE 2—Concluded

Num- ber	Name of operator	Post office address of operator	County in which well is located	Num- ber of wells	Average depth in feet	Production		Em- ploy- ees	Explosives used, nitro- glycerine, quarts
						Oil, barrels of 42 gallons	Gas, 1,000 cubic feet		
23	The Ohio Oil Co.	537 S. Main St., Findlay, Ohio	Clark	1,425	500	401,261	65,419	97	3,805
	Same	do	Clinton	115	1,060	69,386	.....	15	.....
	Same	do	Coles	9	450	584	.....	1	.....
	Same	do	Crawford	3,884	1,100	1,142,853	375,684	244	360
	Same	do	Cumberland	549	500	181,977	206,247	32	980
	Same	do	Hancock	11	450	1,791	.....	1	.....
	Same	do	Lawrence	2,553	1,300	2,671,001	522,820	260	1,628
	Same	do	Marion	31	1,560	26,986	.....	7	820
	Same	do	Monroe	18	460	20,985	.....	3	.....
	Same	do	McDonough	307	450	45,036	.....	17	.....
24	Same	do	Wabash	4	1,100	3,335	.....	1	.....
	The Pure Oil Co.	Columbus, Ohio	Clark	224	535	59,439	.....	14	.....
	Same	do	Cumberland	124	450	32,369	.....	7	.....
	Same	do	Crawford	58	875	16,700	.....	4	.....
	Same	do	Wabash	2	900	349	.....	2	.....
25	Same	do	Monroe	3	900	3,257	.....	1	.....
	Wm. Thompson & Co.	Box 91, Scottsville, Ky	Lawrence	1	1,840	511	.....	.....	.....

a Not reported.

TABLE 3—SAND AND GRAVEL

Num- ber	Name of operator and address of main office if other than that of plant	Location of plant		Produc- tion, quantity, in tons	Em- ployees	Days worked	Explosives used	
		Post office	County				Powder, kegs	Dynamite, pounds
1	American Sand & Gravel Co., 133 W. Wash. St., Chicago...	Algonquin	McHenry	188,744	20	300		
2	Ashford, W. H.	Byron	Ogle	1,850	3	140		
3	Ashford Bros.	do	do	3,107	1	a		
4	Bardwell, H. U.	Dixon	Lee	300	5	a		
5	Barry Sand & Gravel Co., Lincoln, Ill.	Barry	Pike	1,489	5	11		
6	Eastwood Sand & Gravel Co.	Grayville	White	13,000	6	150		
7	Conkey, H. D., Mendota, Ill.	Yorkville	Kendall	76,358	10	200		
	Same.	Oregon	Ogle	11,405	5	200		
	Same.	Moromis	Putnam	32,343	7	200		
8	Consumers Co., Beloit, Wis.	South Beloit	Winnebago	186,320	20	180		
9	Davis, T. B. & S. S.	Rock Island	Rock Island	1,493	3	35		
10	Dipper Bros.	Decatur	Macon	4,404	1	90		
11	Pricke, F. H.	Park Ridge	Cook	6,000	3	100		
12	Galesburg Sand & Gravel Co., Galesburg, Ill.	Burnett	Bureau	31,778	3	200		50
13	Galpin, T. L.	Elmwood	Peoria	450	a	200		
14	Golding & Larson	Wyand	Bureau	500	a	a		
15	Greenville Coarse Red Moulding Sand Co.	Greenville	Bond	10,000	6	185		10
16	Gueterehon, W. F., Beloit, Wis.	South Beloit	Winnebago	5,400	2	a		
17	Hendrickson, John	Baravia	Kane	3,641	4	68		
18	Hibbert, Geo. A. & Son, 1631 Lincoln Ave.	Peoria	Peoria	2,800	1	300		5
19	Hibby Canyon Sand Co., The	Ottawa	LaSalle	20,000	10	200		200
20	H. P. B. Sand & Gravel Co.	Rockford	Winnebago	300	2	200		
21	Hettinger, P. J.	Aurora	Kane	753	1	a		
22	Illinois Molding Sand & Material Co.	Joliet	Will	1,007	6	208		
23	Johnson Gravel Co.	Buda	Bureau	1,500	a	a		
24	Johnson, E. L.	Vandalia	Fayette	825	1	42		
25	Joliet Gravel Co., Springfield, Ill.	Joliet	Will	22,861	20	163		
26	Larson & Larson	Ritchey	Will	1,800	2	120		
27	Lincoln Sand & Gravel Co.	Lincoln	Loran	248,147	35	225		
28	Lind Bros.	Joliet	Will	3,000	2	250		
29	Mt. Carmel Sand & Gravel Co.	Mt. Carmel	Wabash	91,000	16	200		
	Same	do	do					
30	McGrath Sand & Gravel Co., Lincoln	pekin	Tazewell	400,000	50	225		
31	Mississippi Lime & Material Co.	Alton	Madison	41,955	5	250		
32	Miss. Sand & Gravel Co., Iowa State Bank, Burlington, Ia.	Kettsburg	Mercer	100,000	20	200		
33	Mo. Portland Cement Co., Post-Dispatch Bldg., St. Louis, Mo.	East St. Louis	St. Clair	253,378	12	a		
34	Moline Consumers Co.	Ottawa	LaSalle	81,665	3	286		
	Same	Moline	do	97,495	6	a		
35	Moore, E. T.	St. Charles	Kane	2,000	3	a		

TABLE 3—Concluded

Num- ber	Name of operator and address of main office if other than that of plant	Location of plant		Produc- tion, quantity, in tons	Em- ployees	Days worked	Explosives used	
		Post office	County				Powder, kegs	Dynamite, pounds
36	Munz Contr'h.	Fairbury.	Livingston.	2,000	1	30		
37	Noel Gravel Co.	Palatine.	Crawford.	53,000	10	300		
38	Nicol Gustav, Collinsville, Ill.	Arenzville.	Cass.	6,000	4	110		
39	Peoria Washed Sand & Gravel Co.	Greenville.	Bond.	4,000	5	80		
40	Pyott, Geo. W., 133 West Washington St., Chicago.	Peoria.	Peoria.	80,000	12	200		
41	Reed, A. Y.	Algonquin.	McHenry.	85,915	11	139		
42	Richardson Sand Co., Chicago, Ill.	Elgin.	Kane.	77,657	18	280		
43	River Grove Sand Co.	Carpentersville.	Kane.	56,865	7	200		200
44	Rockford Sand & Gravel Co.	Coleman.	Will.	100,379	18	200		
45	Rock Island Sand & Gravel Co.	Ritchey.	Winnebago	3,750	2	80		
46	Rockton Moulding Sand Co.	Rockford.	Rock Island.	45,465	4	200		
47	Service Sand & Gravel Co.	Rockton.	Winnebago	35,000	7	200		
48	Spicer, W. H.	Rockford.	Winnebago	9,000	3	138		
49	Squaler, Ed. B., St. Louis, Mo.	Marseilles.	LaSalle	3,738	3	132		
50	Stewart, B. B.	Greenville.	Bond.	1,000	4	20		
51	Terry & Lewis, G. leburg, Ill.	Collinsville.	Madison.	3,915	4	12		
52	Tullin, Mrs. Fred	Algonquin.	McHenry.	3,875	5	190		
53	Wells, A. F.	Peoria.	Peoria.	1,200	1	200		4
54	Western Sand & Gravel Co.	Gladstone.	Henderson.	54,870	5	230		
55	Wilkinson, C. W., Ottawa, Ill.	Rockford.	Winnebago	5,600	1	250		
56	Wood, Bader & Sons Co., Moline, Ill.	Rockford.	do	2,024	1	250		
57	Worh Sand & Gravel Co.	Springvalley.	Bureau.	37,923	4	151		
58	Yourcee-Roberts Sand Co.	Wedron.	LaSalle.	15,350	4	300		4,500
59	Zigelt, Geo., 315 Broadway, Peoria, Ill.	Rock Island.	Rock Island.	34,400	12	240		
60		Blue Island.	Cook.	10,000	8	125		
		Chester.	Randolph.	50,000	6	200		
		Peoria.	Peoria.	8,400	10	250		

a Not reported.

TABLE 4—SILICA

Number	Name of operator and address of main office if other than that of plant	Location of plant		Production, quantity, in tons	Employees	Days worked	Explosives used	
		Post office	County				Powder, kegs	Dynamite, pounds
1	American Silica Sand Co.	Utica	LaSalle	9,415	2	200		4,000
2	Bautz Isco Co., Inc., Murphysboro, Ill.	Wolf Lake	Union	2,236	13	270		1,400
3	Bellrose Standard Silica Co.	Ottawa	LaSalle	2,000	30	300		15,000
4	Belou White Sand Co.	Millington	Kendall	25,000	20	250		4,000
5	Grieb, Henry	Jonesboro	Union	1,263	2	^a		
6	Illinois Valley Silica Co.	Ottawa	LaSalle	16,394	10	200		11,000
7	International Silica Co., Cairo, Ill.	Tamms	Alexander	5,276	10	^a		
8	National Silica Co.	Oregon	Oregon	76,049	35	280		20,000
9	Ottawa Silica Co.	Ottawa	LaSalle	216,235	70	308		50,000
10	Reynolds, E. J., Sand Co.	Utica	LaSalle	83,406	7	284		8,000
11	Star Silica Co., 614 Commercial Ave., Cairo, Ill.	Tamms	Alexander	5,000	8	40		300
12	Tamms Silica Co.	Tamms	Alexander	5,000	16	313		3,000
13	Utica Fire Sand Co., Ottawa, Ill.	Utica	LaSalle	6,015	2	100		1,000

^a Not reported.

TABLE 5—SHALE AND CLAY

Num- ber	Name of operator and address of main office if other than that of plant	Location of plant		Em- ployees	Days worked	Explosives used	
		Post office	County			Powder, kegs	Dynamite, pounds
1	Albion Brick Co.	Albion	Edwards	42	210		6,000
2	Albion Shale Brick Co.	Albion	Edwards	80	250		8,000
3	Anderson, Samuel, & Son	Taylorville	Christian	11	175		
4	Ashland Brick & Tile Co.	Ashland	Cass	7	120		
5	Assumption Clay Products Co.	Assumption	Christian	10	150		
6	Bach Brick Co., 2647 Montrose Ave., Chicago	Chicago	Cook	15	174		
7	Baird Bros.	Colchester	McDonough	67	174		
8	Barr Clay Co., The	Creator	Livingston	14	200		20,000
9	Barron Brick Co.	Roscoe	Woodford	175	155		3,325
10	Beale, J. M., & Co.	Payraw	Lee	65	215		
11	Building Brick Co.	Morris	Grundy	15	130		
12	Building Brick Co.	Chicago Heights	Grundy	6	90		
13	Campus Brick & Tile Works	Campus	Cook	65	200		
14	Carey Brick Co.	Chicago	Livingston	9	74		
15	Chicago Brick Co.	Chicago	Cook	100	220		
16	Chicago Retort & Fire Brick Co.	Rivertale	Cook	100	200		
17	Clay Products Co., The, Brazil, Ind.	Ottawa	LaSalle	21	212	584	736
18	Colchester Brick & Tile Co.	Abingdon	Knox	20	150		1,000
19	Danville Brick Co., The	Colchester	McDonough	28	168		
20	Decatur Brick Mfg. Co., Decatur, Ill.	Danville	Vermilion	140	270		
21	Eastern Illinois Clay Co.	Springfield	Sangamon	78	200	2	
22	Gates Fire Clay Co.	St. Anne	Kankakee	40	245		
23	General Clay Products Corp.	Colchester	McDonough	20	150		1,500
24	Gen. Clay Products Corp.	Quincy	St. Clair	20	181		
25	Haeger Clay Products Corp.	Belleville	Grundy	20	120		
26	Hamilton Brick & Tile Co., Aurora, Ill.	Hamilton	Adams	7	216		600
27	Highland Clay Mfg. Co.	Highland	Hancock	40	200		2,950
28	Highland Brick & Tile Co.	Madison	Madison	10	124		
29	Illinois Charcoal Chemical Co.	Ulin	Pulaski	5	25		
30	Illinois Clay Products Co.	Oglesby	LaSalle	28,211	15	30	4,000
31	Kankakee Tile & Brick Co.	Anna	Union	12	123		
32	Kloess Brick Co.	Kankakee	Kankakee	60	284		
33	La Bahn Bros.	Belleville	St. Clair	10	120		
34	LaSalle Pressed Brick Co.	Evanston	Cook	33	90		
35	McLewig & Thomas Clay Products Co.	LaSalle	LaSalle	10	200		
36	McLaughlin Mining Co.	St. Elmo	Fayette	42	280		
37	Macomb Sewer Pipe Works	Alsey	Scott	15	280		2,000
38	Marion Pressed Brick & Tile Co.	Macomb	McDonough	39	300	300	4,000
39	Martin, L. H., Tile Co.	Ray	Shuyler	20	60		4,500
40	Mathiessen & Hegeler Zinc Co.	Marion	Williamson	15	110		
		Dwight	Livingston	10	120		
		LaSalle	LaSalle	3	18	5	

41	Munson Bros. & Co.	Capron	Boone	1,600	4	225		
42	Murphyshoro Pressed Brick Co.	Murphyshoro	Jackson	88,752	115	277		600
43	National Brick Co., Chicago, Ill.	Chicago Heights	Cook	75,000	100	138		
	Same	Webster	Cook	120,000	100	231		
	Same	Deerfield	LaSalle	20,000	60	35		
44	National Fire Proofing Co.	Ortava	LaSalle	50,000	150	202		
45	Oberschelp, H. G.	Princeton	Bureau	2,400	40	150		3,912
46	Peoria Brick & Tile Co.	East Peoria	Tazewell	20,637	74	150	443	1,200
47	Poston Brick Co.	Springfield	Sangamon	40,000	45	300		
48	Pratt, Walter M., Belvidere, Ill., Route 2	Marion	LaSalle	108,636	6	100		
49	Purinton Paving Brick Co., The	Gallesburg	Knox	6,281	400	122	945	3,008
50	Rapp Clay Product Co.	East Peoria	Tazewell	53,817	30	291	60	838
51	Springfield Paving Brick Co.	Springfield	Sangamon	42,200	70	271	110	
52	Stoneware Pipe Co., The	East Alton	LaSalle	24,824	24	300	24	600
53	Streator Brick Co.	Streator	LaSalle	24,824	75	149		100
54	Streator Drain Tile Co.	LaSalle	Henry	54,000	65	300		300
55	Stukee, Mrs. Chas. A.	Cheneseo	Henry	54,000	92	10		
56	Tuthill Building Material Co.	Chicago	Cook	243,899	290	300		
57	Western Brick Co., No. 1	Danville	Vermilion	29,540	55	297		
	Same	Danville	Vermilion	50,000	50	308		7,000
	Same	Danville	Vermilion	620	4	70	20	10,000
58	Western Fire Brick Co., Granite City, Ill.	Elco	Alexander	15,000	23	225		4,000
59	West Salem Hollow Brick & Tile Co.	West Salem	Edwards	24,000	55	230		6,500
60	Whiteacres Gear Fireproofing Co.	Chicago Heights	Cook	53,070	20	250		2,000
61	White Hall Sower Pipe & Stoneware Co.	White Hall	Greene	11,250	4	200		200
62	Witt & Churchill	Fredrick	Schuyler		32	300		50
63	Woodland Clay Co.	Woodland	Iroquois		12	225		1,000
64	Wyatt, J. V.	White Hall	Greene					

aNot reported.

TABLE 6—LIMESTONE

Number	County	Number of		Production, quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Adams.....	3	4	23,897	73	224	80	22,981
2	Boone.....	1	1	30,000	15	150		6,000
3	Clark.....	2	2	3,187	10	38		900
4	Cook.....	10	12	2,079,383	737	210	754	499,066
5	Dupage.....	1	1	226	8	199*		39,300
6	Jersey.....	1	1	9,847	12	200		200
7	Johnson.....	1	1	69,845	15	240		25,000
8	Kankakee.....	1	1	433,035	30	215		158,750
9	LaSalle.....	3	3	613,344	574	275		214,968
10	Lee.....	1	1	250,000	240	300		61,000
11	Madison.....	2	5	107,383	107	184	74	17,622
12	Rock Island.....	1	1	375	12	60	150	200
13	St. Clair.....	2	2	181,481	59	248	243	38,234
14	Union.....	1	1	90,000	45	250		18,000
15	Vermilion.....	1	1	1,333,470	240	300		450,000
16	Will.....	2	2	127,225	147	199		38,000
17	Winnebago.....	2	2	72,700	26	185		13,000
	Total.....	35	41	5,425,398	2,350	198	1,301	1,603,221

TABLE 7—OIL AND GAS

Number	County	Number of operators	Number of wells	Oil, barrels of 42 gal.	Gas—M cubic feet	Number employed	Nitroglyc- erine, quarts
1	Clark.....	9	2,035	580,559	65,844	164	5,835
2	Clinton.....	1	115	69,356		15	
3	Coles.....	2	22	3,206		2	
4	Crawford.....	18	5,817	1,771,916	430,184	464	450
5	Cumberland.....	2	673	214,346	206,247	39	980
6	Hancock.....	1	11	1,791		1	
7	Lawrence.....	7	3,048	3,103,624	522,820	366	1,628
8	Marion.....	3	49	46,398		17	
9	McDonough.....	1	307	45,036		17	
10	Monroe.....	2	21	24,242		4	820
11	Richland.....	1	19	18,250		1	120
12	Wabash.....	4	13	11,412		5	
	Total.....	51	12,130	5,890,136	1,225,095	1,095	9,833

TABLE 8—SAND AND GRAVEL

Number	County	Number of		Production, quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Bond.....	3	3	15,000	15	95	.....	10
2	Bureau.....	4	4	71,701	7	175	.....	50
3	Cass.....	1	1	6,000	4	110	.....	.....
4	Cook.....	2	2	16,000	11	113	.....	.....
5	Crawford.....	1	1	53,000	10	300	.....	.....
6	Fayette.....	1	1	825	1	42	.....	.....
7	Henderson.....	1	1	54,870	5	230	.....	.....
8	Kane.....	5	6	241,295	51	249	.....	200
9	Kendall.....	1	1	76,358	10	200	.....	.....
10	LaSalle.....	4	5	218,258	26	262	.....	4,700
11	Lee.....	1	1	300	5	.....	.....	.....
12	Livingston.....	1	1	2,000	1	30	.....	.....
13	Logan.....	1	1	248,147	35	225	.....	.....
14	Macon.....	1	1	4,404	1	90	.....	.....
15	Madison.....	2	2	42,470	9	131	.....	.....
16	Mercer.....	1	1	100,000	20	200	.....	.....
17	McHenry.....	3	3	278,534	35	210	.....	.....
18	Ogle.....	3	3	16,362	9	170	.....	.....
19	Peoria.....	5	5	92,850	24	230	.....	9
20	Pike.....	1	1	1,489	5	11	.....	.....
21	Putnam.....	1	1	32,343	7	200	.....	.....
22	Randolph.....	1	1	50,000	6	200	.....	.....
23	Rock Island.....	3	3	70,893	22	158	.....	500
24	St. Clair.....	1	1	253,378	12	.....	.....	.....
25	Tazewell.....	1	1	400,000	50	225	.....	.....
26	Wabash.....	1	1	91,000	16	200	.....	.....
27	White.....	1	1	13,000	6	150	.....	.....
28	Will.....	5	5	32,421	32	164	.....	.....
29	Winnebago.....	8	8	259,109	39	191	.....	.....
Total.....		60	66	2,742,007	474	159	.....	5,469

TABLE 9—SILICA

Number	County	Number of		Production, quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Alexander.....	3	3 *	10,869	34	177	.....	3,300
2	Kendall.....	1	1	25,000	20	250	.....	4,000
3	LaSalle.....	6	6	333,465	121	232	.....	89,000
4	Ogle.....	1	1	76,049	35	280	.....	20,000
5	Union.....	2	2	3,499	15	270	.....	1,400
Total.....		13	13	448,882	225	254	.....	117,700

TABLE 10—SHALE AND CLAY

Number	County	Number of		Production, Quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Adams	1	1	9,000	20	181		
2	Alexander	1	1	620	4	70	20	400
3	Boone	1	1	1,600	4	225		
4	Bureau	1	1	2,400	10	150		
5	Cass	1	1	400	7	120		
6	Christian	2	2	16,500	21	163		
7	Cook	8	9	522,077	712	201		
8	Edwards	3	3	55,920	145	228		20,500
9	Fayette	1	1	14,000	42	280		2,000
10	Greene	2	2	58,070	32	238		3,000
11	Grundy	2	2	6,410	13	153		600
12	Hancock	1	1	2,900	40	200		2,050
13	Henry	1	1	140	2	10		
14	Iroquois	1	1	11,250	32	300		50
15	Jackson	1	1	88,752	115	277		600
16	Kankakee	2	2	30,250	100	265		
17	Knox	2	2	114,636	420	136	945	4,008
18	Lake	1	1	20,000	90	35		
19	LaSalle	8	8	158,851	345	179	619	5,136
20	Lee	1	1	1,850	15	130		
21	Livingston	3	3	53,877	194	116		3,325
22	Madison	2	2	2,520	34	212	24	600
23	McDonough	4	4	52,057	101	205		25,800
24	Pulaski	1	1	600	5	25		
25	Sangamon	3	3	120,086	193	257	112	1,200
26	Schuyler	2	2	2,700	24	130		700
27	Scott	1	1	4,848	15	280	300	250
28	St. Clair	2	2	31,800	30	120		
29	Tazewell	2	2	26,918	102	221	503	4,770
30	Union	1	1	2,000	12	123		
31	Vermilion	2	4	390,939	535	227		17,000
32	Williamson	1	1	4,476	15	110		
33	Woodford	1	1	29,702	65	215		
Total		66	69	1,854,149	3,494	188	2,523	91,989

TABLE 11—AMOUNT OF EXPLOSIVES USED IN THOSE PLANTS WHERE SOME EXPLOSIVES ARE NECESSARY IN MINING THE PRODUCT, ARRANGED BY COUNTIES

Number	County	Kind of product	Number of		Explosives used		
			Opera- tors	Plants	Powder, kegs	Dynamite, pounds	Nitro- glycer- ine, quarts
1	Adams	Limestone	3	4	80	22,981	
2	Alexander	Shale and clay	1	1	20	400	
	Same	Silica	3	3		3,300	
3	Bond	Sand and gravel	3	3		10	
4	Boone	Limestone	1	1		6,000	
5	Bureau	Sand and gravel	4	4		50	
6	Clark	Limestone	2	2		900	
	Same	Oil and gas	9	2,035			5,835
7	Cook	Limestone	10	12	754	499,066	
8	Crawford	Oil and gas	18	5,817			450
9	Cumberland	do	2	673			980
10	Dupage	Limestone	1	1		39,300	
11	Edwards	Shale and clay	3	3		20,500	
12	Fayette	do	1	1		2,000	
13	Greene	do	2	2		3,000	
14	Grundy	do	2	2		600	
15	Hancock	do	1	1		2,050	
16	Iroquois	do	1	1		50	
17	Jackson	do	1	1		600	
18	Jersey	Limestone	1	1		200	
19	Johnson	do	1	1		25,000	
20	Kane	Sand and gravel	5	6		200	
21	Kankakee	Limestone	1	1		158,750	
22	Kendall	Silica	1	1		4,000	
23	Knox	Shale and clay	2	2	945	4,008	
24	LaSalle	Limestone	3	3		214,968	
	Same	Sand and gravel	4	5		4,700	
	Same	Shale and clay	8	8	619	5,136	
	Same	Silica	6	6		89,000	
25	Lawrence	Oil and gas	7	3,048			1,628
26	Lee	Limestone	1	1		61,000	
27	Livingston	Shale and clay	3	3		3,325	
28	Madison	Limestone	2	5	74	17,622	
	Same	Shale and clay	2	2	24	600	
29	McDonough	do	4	4		25,800	
30	Monroe	Oil and gas	2	21			820
31	Ogle	Silica	1	1		20,000	
32	Peoria	Sand and gravel	5	5		9	
33	Richland	Oil and gas	1	19			120
34	Rock Island	Limestone	1	1	150	200	
	Same	Sand and gravel	3	3		500	
35	Sangamon	Shale and clay	3	3	112	1,200	
36	Schuyler	do	2	2		700	
37	Scott	do	1	1	300	250	
38	St. Clair	Limestone	2	2	243	38,234	
39	Tazewell	Shale and clay	2	2	503	4,770	
40	Union	Limestone	1	1		18,000	
	Same	Silica	2	2		1,400	
41	Vermilion	Limestone	1	1		450,000	
	Same	Shale and clay	2	4		17,000	
42	Will	Limestone	2	2		38,000	
43	Winnebago	do	2	2		13,000	
Total			152	11,736	3,824	1,818,374	9,833

TABLE 12—COUNTY, NUMBER OF OPERATORS, PLANTS,

Number	County	Limestone					Oil and gas				Em- ploy- ees
		Number		Produc- tion, tons	Em- ploy- ees	Days work- ed	Number		Production		
		Op- era- tors	Plants				Op- era- tors	Wells	Oil, barrels 42 Gal.	Gas, 1,000 Cu. Ft.	
1	Adams	3	4	23,897	73	224					
2	Alexander										
3	Bond										
4	Boone	1	1	30,000	15	150					
5	Bureau										
6	Cass										
7	Christian										
8	Clark	2	2	3,187	10	38	9	2,035	580,559	65,844	164
9	Clinton						1	115	69,356		15
10	Coles						2	22	3,206		2
11	Cook	10	12	2,079,383	737	210					
12	Crawford						18	5,817	1,771,916	430,184	464
13	Cumberland						2	673	214,346	206,247	39
14	DuPage	1	1	226	8	199					
15	Edwards										
16	Fayette										
17	Greene										
18	Grundy										
19	Hancock						1	11	1,791		1
20	Henderson										
21	Henry										
22	Iroquois										
23	Jackson										
24	Jersey	1	1	9,847	12	200					
25	Johnson	1	1	69,845	15	240					
26	Kane										
27	Kankakee	1	1	433,035	30	215					
28	Kendall										
29	Knox										
30	Lake										
31	LaSalle	3	3	613,344	574	275					
32	Lawrence						7	3,048	3,103,624	522,820	366
33	Lee	1	1	250,000	240	300					
34	Livingston										
35	Logan										
36	Macon										
37	Madison	2	5	107,383	107	184					
38	Marion						3	49	46,398		17
39	McDonough						1	307	45,036		17
40	McHenry										
41	Mercer										
42	Monroe						2	21	24,242		4
43	Ogle										
44	Peoria										
45	Pike										
46	Pulaski										
47	Putnam										
48	Randolph										
49	Richland						1	19	18,250		1
50	Rock Island	1	1	375	12	60					
51	Sangamon										
52	Schuyler										
53	Scott										
54	St. Clair	2	2	181,481	59	248					
55	Tazewell										
56	Union	1	1	90,000	45	250					
57	Vermilion	1	1	1,333,470	240	300					
58	Wabash						4	13	11,412		5
59	White										
60	Will	2	2	127,225	147	199					
61	Williamson										
62	Winnebago	2	2	72,700	26	185					
63	Woodford										
Total		35	41	5,425,398	2,350	198	51	12,130	5,890,136	1,225,095	1,095

aNot stated.

PRODUCTION, EMPLOYEES, AND AVERAGE DAYS WORKED

Sand and gravel					Shale and clay					Silica				
Number		Produc- tion, tons	Em- ploy- ees	Days work- ed	Number		Produc- tion, tons	Em- ploy- ees	Days work- ed	Number		Produc- tion, tons	Em- ploy- ees	Days work- ed
Op- erators	Plants				Op- erators	Plants				Op- erators	Plants			
...	...	...	...	...	1	1	9,000	20	181	...	...	...	...	...
3	3	15,000	15	95	1	1	620	4	70	3	3	10,869	34	177
...	...	...	...	...	...	...	1,600	4	225	...	...	...	...	...
4	4	71,701	7	175	1	1	2,400	10	150	...	...	...	...	...
1	1	6,000	4	110	1	1	400	7	120	...	...	...	...	...
...	...	...	...	...	2	2	16,500	21	163	...	...	...	...	...
...
2	2	16,000	11	113	8	9	522,077	712	201	...	...	...	...	...
1	1	53,000	10	300	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	3	3	55,920	145	228	...	...	...	...	...
1	1	825	1	42	1	1	14,000	42	280	...	...	...	...	...
...	...	...	...	...	2	2	58,070	32	238	...	...	...	...	...
2	2	...	...	...	2	2	6,410	13	153	...	...	...	...	...
1	1	54,870	5	230	1	1	2,900	40	200	...	...	...	...	...
...	...	...	...	...	1	1	140	2	10	...	...	...	...	...
...	...	...	...	...	1	1	11,250	32	300	...	...	...	...	...
...	...	...	...	...	1	1	88,752	115	277	...	...	...	...	...
5	6	241,275	51	249	...	...	...	...	...	...	...	...	...	...
1	1	76,358	10	200	2	2	36,250	100	265	...	...	...	...	...
...	...	...	...	...	2	2	114,636	420	136	1	1	25,000	20	250
4	5	218,258	26	262	1	1	20,000	90	35	...	...	...	...	...
1	1	300	5	a	8	8	168,851	345	179	6	6	333,465	121	232
1	1	2,000	1	30	...	...	1,850	15	130	...	...	...	...	...
1	1	248,147	35	225	3	3	53,877	194	116	...	...	...	...	...
1	1	4,404	1	90	...	...	...	...	...	...	...	...	...	...
2	2	42,470	9	131	2	2	2,520	34	212	...	...	...	...	...
...	...	...	...	...	4	4	52,057	101	205	...	...	...	...	...
3	3	278,534	35	210	...	...	...	...	...	...	...	...	...	...
1	1	100,000	20	200	...	...	...	...	...	...	...	...	...	...
3	3	16,362	9	170	...	...	...	...	...	1	1	76,049	35	280
5	5	92,850	24	230	...	...	...	...	...	...	...	...	...	...
1	1	1,489	5	11	...	...	...	...	...	...	...	...	...	...
1	1	32,343	7	200	1	1	600	5	25	...	...	...	...	...
1	1	50,000	6	200	...	...	...	...	...	...	...	...	...	...
3	3	70,893	22	158	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	3	3	120,086	193	257	...	...	...	...	...
1	1	253,378	12	a	2	2	2,700	24	130	...	...	...	...	...
1	1	400,000	50	225	1	1	4,848	15	280	...	...	...	...	...
...	...	...	...	...	2	2	31,800	30	120	...	...	...	...	...
1	1	91,000	16	200	2	2	26,918	102	221	...	...	...	...	...
1	1	13,000	6	150	1	1	2,000	12	123	2	2	3,499	15	270
5	5	32,421	32	164	2	4	390,939	535	227	...	...	...	...	...
...
8	8	259,109	39	291	1	1	4,476	15	110	...	...	...	...	...
...	...	...	...	...	1	1	29,702	65	215	...	...	...	...	...
60	66	2,742,007	474	159	66	69	1,854,149	3,494	188	13	13	448,882	225	254

TABLE 13—SUMMARY BY COUNTIES, INDUSTRY, NUMBER OF OPERATORS, NUMBER OF PLANTS, NUMBER OF EMPLOYEES, AVERAGE DAYS WORKED, AND AMOUNT OF PRODUCTS

Number	County	Industry	Number of			Average days worked	Production, in tons
			Operators	Plants	Employees		
1	Adams	Limestone	3	4	73	224	23,897
	Same	Shale and clay	1	1	20	181	9,000
2	Alexander	do	1	1	4	70	620
	Same	Silica	3	3	34	177	10,869
3	Bond	Sand and gravel	3	3	15	95	15,000
4	Boone	Limestone	1	1	15	150	30,000
	Same	Shale and clay	1	1	4	225	1,600
5	Bureau	Sand and gravel	4	4	7	175	71,701
	Same	Shale and clay	1	1	10	150	2,400
6	Cass	Sand and gravel	1	1	4	110	6,000
	Same	Shale and clay	1	1	7	120	400
7	Christian	do	2	2	21	163	16,500
8	Clark	Limestone	2	2	10	38	3,187
	Same	Oil and gas	9	2,035	164		{ a 580,559 b 65,844
9	Clinton	Oil and gas	1	115	15		a 69,356
10	Coles	do	2	22	2		a 3,206
11	Cook	Limestone	10	12	773	210	2,079,383
	Same	Sand and gravel	2	2	11	113	16,000
	Same	Shale and clay	8	9	712	201	522,077
12	Crawford	Oil and gas	18	5,817	464		{ a1,771,916 b 430,184
	Same	Sand and gravel	1	1	10	300	53,000
13	Cumberland	Oil and gas	2	673	39		{ a 214,346 b 206,247
14	DuPage	Limestone	1	1	8	199	226
15	Edwards	Shale and clay	3	3	145	228	55,920
16	Fayette	Sand and gravel	1	1	1	42	825
	Same	Shale and clay	1	1	42	280	14,000
17	Greene	do	2	2	32	238	58,070
18	Grundy	do	2	2	13	153	6,410
19	Hancock	Oil and gas	1	11	1		a 1,791
	Same	Shale and clay	1	1	40	200	2,900
20	Henderson	Sand and gravel	1	1	5	230	54,870
21	Henry	Shale and clay	1	1	2	10	140
22	Iroquois	do	1	1	32	300	11,250
23	Jackson	do	1	1	115	277	88,752
24	Jersey	Limestone	1	1	12	200	9,847
25	Johnson	do	1	1	15	240	69,845
26	Kane	Sand and gravel	5	6	51	249	241,295
27	Kankakee	Limestone	1	1	30	215	433,035
	Same	Shale and clay	2	2	100	265	36,250
28	Kendall	Sand and gravel	1	1	10	200	76,358
	Same	Silica	1	1	20	250	25,000
29	Knox	Shale and clay	2	2	420	136	114,636
30	Lake	do	1	1	90	35	20,000
31	LaSalle	Limestone	3	3	574	275	613,344
	Same	Sand and gravel	4	5	26	262	218,258
	Same	Shale and clay	8	8	345	179	168,851
	Same	Silica	6	6	121	232	333,465
32	Lawrence	Oil and gas	7	3,048	866		{ a3,103,624 b 522,820
33	Lee	Limestone	1	1	240	300	250,000
	Same	Sand and gravel	1	1	5		c 3,000
	Same	Shale and clay	1	1	15	130	1,850
34	Livingston	Sand and gravel	1	1	1	30	2,000
	Same	Shale and clay	3	3	194	116	53,877
35	Logan	Sand and gravel	1	1	35	225	248,147
36	Macon	do	1	1	1	90	4,404
37	Madison	Limestone	2	5	107	184	107,383
	Same	Sand and gravel	2	2	9	131	42,470
	Same	Shale and clay	2	2	34	212	2,520
38	Marion	Oil and gas	3	49	17		a 46,398
39	McDonough	do	1	307	17		a 45,036
	Same	Shale and clay	4	4	101	205	52,057
40	McHenry	Sand and gravel	3	3	35	210	278,534
41	Mercer	do	1	1	20	200	100,000
42	Monroe	Oil and gas	2	21	4		a 24,242

TABLE 13—Concluded

Number	County	Industry	Number of			Average days worked	Production, in tons
			Operators	Plants	Employees		
43	Ogle	Sand and gravel	3	3	9	170	16,362
	Same	Silica	1	1	35	280	76,049
44	Peoria	Sand and gravel	5	5	24	230	92,850
45	Pike	do	1	1	5	11	1,489
46	Pulaski	Shale and clay	1	1	5	25	600
47	Putnam	Sand and gravel	1	1	7	200	32,343
48	Randolph	do	1	1	6	200	50,000
49	Richland	Oil and gas	1	19	1	.....	^a 18,250
50	Rock Island	Limestone	1	1	12	60	375
	Same	Sand and gravel	3	3	22	158	70,893
51	Sangamon	Shale and clay	3	3	193	257	120,086
52	Schuyler	do	2	2	24	130	2,700
53	Scott	do	1	1	15	280	4,848
54	St. Clair	Limestone	2	2	59	248	181,481
	Same	Sand and gravel	1	1	12	^c	253,378
	Same	Shale and clay	2	2	30	120	31,800
55	Tazewell	Sand and gravel	1	1	50	225	400,000
	Same	Shale and clay	2	2	102	221	26,918
56	Union	Limestone	1	1	45	250	90,000
	Same	Shale and clay	1	1	12	123	2,000
	Same	Silica	2	2	15	270	3,499
57	Vermilion	Limestone	1	1	240	300	1,333,470
	Same	Shale and clay	2	4	535	227	390,939
58	Wabash	Oil and gas	4	13	5	.....	^a 11,412
	Same	Sand and gravel	1	1	16	200	91,000
59	White	do	1	1	6	150	13,000
60	Will	Limestone	2	2	147	199	127,225
	Same	Sand and gravel	5	5	32	164	32,421
61	Williamson	Shale and clay	1	1	15	110	4,476
62	Winnebago	Limestone	2	2	26	185	72,700
	Same	Sand and gravel	8	8	39	291	259,109
63	Woodford	Shale and clay	1	1	65	215	29,702

^aBarrels of oil.^b1,000 cubic feet of gas.^cNot reported.

ACCIDENTS

During the year two fatal and 125 non-fatal accidents occurred in the various industries embraced in this report. The two fatal accidents occurred in the following manner:

August 24, 1921, I. Hubbard, employed by the Albion Shale Brick Co., at Albion, as a shale loader, was working in the pit when some clay fell on him, knocked his head against the car he was loading, breaking his jaw in four places. He was taken to the sanitarium at Olney, where he died September 4.

Mr. Hubbard was 50 years old. He leaves a widow and two dependent children.

January 19, 1922, Henry Meyer, age 60 years, employed by C. Stolle Quarries & Construction Co., at East St. Louis, as a powder man, was loading a deep blast hole when a premature explosion of dynamite occurred in the hole, blowing the top of his head off. The coroner's jury rendered a verdict of accidental death.

The non-fatal accidents given here are those only involving a loss of time—one day or more—and are as follows:

NON-FATAL CASUALTIES IN THE VARIOUS INDUSTRIES FOR THE YEAR ENDING JUNE 30, 1922

257

Date of injury 1921	Name	Age	Occupation	Residence	Name of operator of plant	Character of injury and cause of accident	Time lost, days
July 1	N. Suznwick	31	Laborer	Lemont	Western Quarries Co.	Back strained, lifting rock	2
July 3	F. DeSantis	45	Quarryman	Chicago	Chicago Union Lime Works	Hand injured, falling stone	15
July 6	Arnt Thompson	31	Garage Supt.	Chicago	Chicago Union Lime Works	Thumb injured, repairing truck	3
July 6	Peter Lencornum	a	Driller	Gary	Delese & Shepherd Co.	Hand injured, sliding rock	5
July 9	John Paskiallo	a	Trackman	Gary	Delese & Shepherd Co.	Hand injured, sliding rock	8
July 12	Wm. Wheelstone	54	Pumper	Robinson	Associated Producers Co.	Ankle cut, adze	141
July 12	John S. Paul	32	Digger	Alton	Mississippi Lime & Material Co.	Body burned, burning gas	12
July 13	Charles Comb	29	Quarryman	Alton	Albion Shale & Brick Co.	Ankle injured, rolling shale	16
July 21	Raymond Gough	33	Laborer	Marblehead	Marblehead Lime Co.	Body bruised (a)	9
July 25	Fred Loelhart	45	Driller	Stolle	C. Stolle Quarry & Construction Co.	Finger injured, coupling cars	1
July 27	Charles Lauger	30	Laborer	Lemont	Western Quarries Co.	Eye injured, flying dust	4
Aug. 1	C. H. Warren	35	Laborer	Lemont	Western Quarries Co.	Toe injured, falling rock	20
Aug. 2	Wm. Rieck	29	Auto repairer	Lombard	Chicago Union Lime Works	Hand injured, fell down	18
Aug. 3	P. Zorzi	45	Switchman	Lemont	Western Quarries Co.	Eye cut, flying steel	6
Aug. 4	T. Bittid	31	Quarryman	Chicago	Chicago Union Lime Works	Knee injured, falling stone	30
Aug. 5	Elmer Effen	17	Engineer	St. Louis	C. Stolle Quarry & Construction Co.	Finger injured, drill	10
Aug. 9	Henry Yonthau	31	Quarryman	Alton	Mississippi Lime & Material Co.	Body burned, burning gas	15
Aug. 11	S. Singerski	30	Laborer	Lemont	Western Quarries Co.	Toe injured, lifting rock	6
Aug. 12	R. Burgtorf	37	Laborer	Marblehead	Marblehead Lime Co.	Fingers injured, caught between boxes	4
Aug. 17	M. Marco	32	Painter	Gary	Delese-Shepherd Co.	Leg injured, car turned over	39
Aug. 18	L. Poholski	30	Laborer	Lemont	Western Quarries Co.	Finger cut, caught between stones	3
Aug. 20	Frank Kobay	40	Laborer	Alton	Mississippi Lime & Material Co.	Toe injured, falling stone	1
Aug. 26	Joe Douglas	18	Laborer	Lemont	Western Quarries Co.	Hand cut, lifting rock	15
Aug. 26	P. Salitti	20	Laborer	Lemont	Chicago Union Lime Works	Head broken, falling stone	45
Aug. 26	R. Lasco	45	Laborer	Chicago	Marblehead Lime Co.	Head injured, fell down	11
Aug. 26	Charles Bowman	38	Kiln fireman	Marblehead	Chicago Union Lime Works	Finger injured, poker	7
Aug. 26	I. Meynue	19	Quarryman	Chicago	Mississippi Lime & Material Co.	Foot injured, rolling stone	4
Aug. 31	Frank Henson	19	Quarryman	Alton	Chicago Union Lime Works	Head injured, car door	2
Sept. 1	I. Shuck	34	Quarryman	Alton	Mississippi Lime & Material Co.	Fingers injured, caught in drill	20
Sept. 2	Charles Warr	50	Quarryman	Alton	Mississippi Lime & Material Co.	Body injured, lifting rock	1
Sept. 6	Matia Kiek	35	Painter	Gary	Delese-Shepherd Co.	Leg broken, lifting stone	30
Sept. 7	John Lyden	67	Crusher feeder	Stoll	C. Stolle Quarry & Construction Co.	Eye injured, flying rock	7
Sept. 8	P. Russell	31	Laborer	Kankakee	Kankakee Tile & Brick Co.	Shoulder dislocated, fellof runway	1
Sept. 9	S. Smyvitch	34	Laborer	Lemont	Western Quarries Co.	Back injured, lifting stone	3
Sept. 9	S. Brovitch	24	Quarryman	Alton	Mississippi Lime & Material Co.	Foot injured, falling stone	4
Sept. 10	Virgil Bowman	40	Quarryman	Chicago	Chicago Union Lime Works	Arms injured, lifting stone	2
Sept. 12	G. Bernhardt	40	Quarryman	Chicago	The Charles Store Co.	Foot injured, rolling stone	6
Sept. 12	Oate McNutt	20	Laborer	Cypress		Shoulder injured, falling smoke stack	9

NON-FATAL CASUALTIES IN THE VARIOUS INDUSTRIES FOR THE YEAR ENDING JUNE 30, 1922—Continued

Date of injury 1921	Name	Age	Occupation	Residence	Name of operator of plant	Character of injury and cause of accident	Time, lost, days
Sept. 1	Joe Kosciusky	28	Laborer	Joliet	Western Quarries Co.	Rupture, heavy lifting	18
Sept. 20	Sam Bardusky	59	Laborer	Lemont	Western Quarries Co.	Hand injured, struck by bar	*
Sept. 21	Henry Baird	39	Quarryman	Alton	Mississippi Lime & Material Co.	Hand injured (a)	5
Sept. 22	James Cannon	47	Quarryman	East Peoria	Mississippi Lime & Material Co.	Hand injured, flying rock	9
Sept. 29	Clifford Grazer	42	Laborer	White Hall	Rapp Clay Products Co.	Body injured, fell	2
Sept. 29	E. Hersman	47	Laborer	Albion	White Hall Sewer Pipe Co.	Finger injured, falling clay	4
Sept. 30	L. M. Reeves	58	Driller	Albion	Albion Shale Brick Co.	Rib broken, falling shale	37
Oct. 1	Carl Erickson	25	Electrician	Lemont	Western Quarries Co.	Finger injured, caught between objects	3
Oct. 3	Fred Lockhart	45	Driller	Stolle	C. Stolle Quarry & Construction Co.	Head injured, struck with wrench	5
Oct. 4	Joe Arlo	50	Quarryman	Alton	Mississippi Lime & Material Co.	Head injured, falling rock	16
Oct. 8	Paul Jolanas	46	Quarryman	Alton	Mississippi Lime & Material Co.	Head injured, falling rock	3
Oct. 13	John Forvich	4	Driller	Gary	Delese-Shepherd Co.	Legs injured, fell down	63
Oct. 16	L. Luzzi	53	Foreman	Chicago	Chicago Union Lime Works	Finger mashed, struck by screen	3
Oct. 18	Harry Cremer	20	Laborer	Kankakee	Kankakee Tile & Brick Co.	Arm injured, struck by car	8
Oct. 21	Dan Lewis	27	Quarryman	Alton	Mississippi Lime & Material Co.	Finger cut, lifting rock	3
Oct. 23	Henry Baird	39	Quarryman	Alton	Mississippi Lime & Material Co.	Leg injured, falling rock	5
Oct. 24	N. Negrovitch	48	Laborer	Lemont	Western Quarries Co.	Eye injured, flying rock	*
Oct. 29	S. Vitkusky	47	Hooker	Lemont	Western Quarries Co.	Fingers mashed, falling rock	6
Oct. 29	Charles Crail	26	Laborer	Marblehead	Marblehead Lime Co.	Leg broken, falling rock	160
Oct. 31	Raymond Cloe	34	Kiln fireman	Marblehead	Marblehead Lime Co.	Finger injured, poker	36
Nov. 1	Raymond Gough	23	Laborer	Marblehead	Marblehead Lime Co.	Body injured, car	6
Nov. 7	George Strawn	36	Quarryman	Marblehead	Marblehead Lime Co.	Body injured, lifting rock	3
Nov. 11	A. Golich	22	Laborer	Chicago	Chicago Union Lime Works	Body injured, lifting machine	7
Nov. 12	K. Guksho	22	Quarryman	Lemont	Western Quarries Co.	Toe broken, rolling stone	18
Nov. 13	P. Pitti	32	Laborer	Lemont	Western Quarries Co.	Body injured, struck by hammer	5
Nov. 19	Virgil Williams	32	Laborer	Kankakee	Kankakee Tile & Brick Co.	Leg injured, caught in gear	2
Nov. 22	W. Marvic	32	Laborer	Lemont	Western Quarries Co.	Eye injured, flying rock	2
Nov. 22	S. Valentick	31	Laborer	Lemont	Western Quarries Co.	Foot injured, stepped on nail	3
Nov. 23	Alvin Schraeder	31	Brakeman	Joliet	Western Quarries Co.	Eye injured, falling timber	3
Nov. 28	D. Krpan	35	Carpenter	Stolle	C. Stolle Quarry & Construction Co.	Hand injured, falling timber	4
Dec. 8	N. Korak	38	Laborer	Joliet	Western Quarries Co.	Back injured, lifting rock	2
Dec. 9	Ralph Belleau	41	Quarryman	Chicago	Chicago Union Lime Works	Foot injured, falling rock	35
Dec. 9	N. Korak	38	Quarryman	Chicago	Chicago Union Lime Works	Finger broken, falling rock	3
Dec. 10	D. A. Alexander	28	Laborer	Kankakee	Kankakee Tile & Brick Co.	Foot injured, stepped on nail	3
Dec. 10	William Dodge	47	Laborer	Weldon	C. W. Wilkinson Sand Co.	Foot injured, scraper fell	42
Dec. 10	P. Alexander	27	Craneman	Oglesby	Lehigh Portland Cement Co.	Foot injured, stepped on nail	5
Dec. 10	William Magnoni	34	Quarryman	Alton	Mississippi Lime & Material Co.	Arm injured, lifting rock	11
Dec. 20	Kenneth Hayne	21	Bricklayer	Albion	Albion Shale Brick Co.	Head injured, struck by brick	1
Dec. 20	John Labell	60	Laborer	Kankakee	Kankakee Tile & Brick Co.	Rib broken, fell against car	8
Dec. 22	Ralph Whitaker	24	Laborer	Marblehead	Marblehead Lime Co.	Back strained, lifting rock	5

Dec. 22	Joe Becker	71	Cooper	Quincy	Marblehead Lime Co.	Knee bruised, fell	2
Dec. 26	John Gray	18	Laborer	Marblehead	Marblehead Lime Co.	Eye injured, flying lime	8
Jan. 4	P. Ceras	41	Quarryman	Chicago	Chicago Union Lime Works	Foot injured, falling rock	19
Jan. 26	Joe Belek	37	Pitman	Stolle	C. Stolle Quarry & Construction Co.	Leg injured, rolling stone	3
Feb. 3	J. H. Thina-barger	44	Superintendent	Ottawa	Belrose Sand Co.	Body injured, struck by cable	11
Feb. 16	John Henry	34	Laborer	Cypress	The Charles Stone Co.	Body injured, rolling stone	17
Feb. 21	Henry Mendock	42	Foreman	Oglesby	Lehigh Portland Cement Co.	Body injured, flying particle	3
Feb. 21	Siegel Henson	46	Lime burner	Quincy	Marblehead Lime Co.	Body injured, fell	5
Mar. 8	Andrew Barck	28	Machineist	Lyons	Dele e-Shepherd Co.	Shoulder injured, caught in gear	10
Mar. 13	Peter Lencortium	40	Driller	LaGrange	Delese-Shepherd Co.	Knee injured, rolling stone	4
Mar. 23	Wm. Hartdegen	a	Pow. House Op.	Kankakee	Kankakee Tile & Brick Co.	Head injured, struck board	3
Mar. 24	George Wilson	33	Laborer	Ottawa	Belrose Standard Silica Co.	Arm injured, struck by sledge	6
Mar. 24	Tilas Clark	37	Laborer	Stolle	C. Stolle Quarry & Construction Co.	Eye injured, flying particle	*
April 1	Joe Belek	37	Pitman	Oglesby	Lehigh Portland Cement Co.	Arm broken, fell	15
April 6	Henry Prost	50	Dumper	Albion	Albion Shale Brick Co.	Arm injured, fell	8
April 7	Tom Hallam	44	Coal hauler	Kankakee	Kankakee Tile & Brick Co.	Ankle sprained, jumped off tile	3
April 10	Frank Hardesty	26	Laborer	Albion	Albion Shale Brick Co.	Leg injured, rolling stone	3
April 19	J. F. Paul	31	Pitman	Oglesby	Lehigh Portland Cement Co.	Arm injured, struck by cars	2
April 20	Art Baker	30	Engineer	Lemont	Western Quarries Co.	Hand injured, pulling cable	4
April 20	John Mills	54	Laborer	Gary	Delese-Shepherd Co.	Finger injured (a)	10
April 20	Hugh McCall	30	Fireman	Lyons	Delese-Shepherd Co.	Arm injured, fell	5
April 25	Charles Neitzel	a	Craneman	Gary	Delese-Shepherd Co.	Ankle injured, rolling stone	4
April 26	Andrew Moltwick	a	Driller	Quincy	Marblehead Lime Co.	Eye injured, flying rock	1
April 26	Claude Creach	26	Laborer	East St. Louis	East St. Louis Stone Co.	Leg broken, jumped off wagon	1
April 26	James Breen	25	Teamster	Stolle	C. Stolle Quarries & Construction Co.	Foot injured, rolling stone	18
April 26	Frank Beglin	38	Pitman	East St. Louis	Missouri Portland Cement Co.	Finger mashed, struck by pipe line	5
April 30	Thomas Dissett	23	Engineer	Lemont	Western Quarries Co.	Foot injured, struck by falling box	2
May 1	Charles Savage	34	Laborer	Stolle	C. Stolle Quarries & Cement Co.	Finger mashed, coupling cars	6
May 8	John Ruines	18	Driver	East St. Louis	Missouri Portland Cement Co.	Hand injured, dumping cars	22
May 13	Jesse Goad	38	Laborer	Albion	Albion Shale Brick Co.	Eye injured, flying particle	2
May 13	Adam Solo	13	Laborer	Gary	Delese-Shepherd Co.	Head injured, struck by crusher	2
May 17	Dan Kasnan	23	Laborer	Joliet	Western Quarries Co.	Foot injured, struck by box	18
May 17	Marion Cox	36	Laborer	Albion	Albion Shale Brick Co.	Head injured, falling brick	1
May 22	Raymond Close	24	Setter	Marblehead	Marblehead Lime Co.	Body injured, rolling stone	3
May 24	Geo. Waldrop	37	Laborer	Marblehead	Marblehead Lime Co.	Finger injured, falling clay	4
May 24	Raymond Medaris	68	Laborer	Kankakee	Kankakee Tile & Brick Co.	Fingers cut off, car wheel	*
May 25	Rudy Johnson	43	Laborer	Belleville	General Clay Products Co.	Leg injured, flying spike	4
May 25	James Rodgers	55	Laborer	West Salem	West Salem Hollow Brick & Tile Co.	Leg injured, rolling stone	10
May 25	S. Taskarski	60	Laborer	Lemont	Western Quarries Co.	Fingers injured, fell down	*
June 3	P. R. Meyers	55	Laborer	Stolle	C. Stolle Quarries & Construction Co.	Leg injured, flying spike	*
June 3	Tony Rutkowski	34	Laborer	Lemont	Western Quarries Co.	Leg broken, caught between cars	4
June 3	J. H. Robinson	36	Engineer	Marblehead	Marblehead Lime Co.	Finger cut, rolling stone	7
June 9	Chas. Shakes	57	Laborer	East St. Louis	C. Stolle Quarries & Construction Co.	Finger cut, cable	3
June 28	J. Barkoski	30	Laborer	Lemont	Western Quarries Co.	Finger cut, caught in rail	6
June 28						Toe injured (a)	4

a Not report ed.

Number injured.....

Not returned to work.....

Total days lost by men returned

Average days lost.....

1,378

11.68

Number returned.....

118

REPORT OF STATE MINING BOARD

During the fiscal year beginning July 1, 1921, and ending June 30, 1922, four examinations have been held. The dates and result of these examinations are shown in the following table:

Date of examination	State inspectors		Mine managers				Mine examiners		Hoisting engineers			
			First class		Second class				First class		Second class	
	Number of		Number of		Number of		Number of		Number of			
	Applicants	Passed	Applicants	Passed	Applicants	Passed	Applicants	Passed	Applicants	Passed	Applicants	Passed
Sept. 12.....	8	4	41	34	29	29	87	71	8	7	.....	.....
Dec. 5.....	.....	.....	30	29	27	27	80	73	18	16	1	1
Feb. 6.....	.....	.....	30	28	16	16	65	64	12	10	2	2
April 17.....	.....	.....	92	84	14	14	80	76	24	22	6	6
Total....	8	4	193	175	86	86	312	284	62	55	9	9

The names of those who received certificates will be found in the lists following:

Name	State inspector of mines				
	Post office	County	Age	Years experience	Number of certificate
Robert Skinner.....	Gillespie.....	Macoupin.....	49	35	45
Fred Wood.....	do.....	do.....	33	20	46
Arthur W. Plumlee.....	Cambria.....	Williamson.....	41	21	47
G. W. Gosnell.....	Herrin.....	do.....	43	10	48

MINE MANAGERS—FIRST CLASS

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Aberle, Joseph T.	Mt. Olive	Macoupin	41	25	635	Feb. 6, 1922
Anderson, Samuel	Gillespie	do	38	16	641	do
Angell, Wm. T.	Belleville	St. Clair	25	9	561	Sept. 12, 1921
Awe, Otto	Staunton	Macoupin	44	28	632	Feb. 6, 1922
Bailey, Frank J.	Danville	Vermilion	27	9	629	do
Bair, Frank	Mascoutah	St. Clair	28	12	656	April 17, 1922
Barringer, Joseph	Marion	Williamson	43	29	681	do
Baxley, William	Herrin	do	28	14	637	Feb. 6, 1922
Beggs, Paul	Wenona	Marshall	25	9	621	Dec. 5, 1921
Berry, Vane L.	Worden	Madison	32	9	670	April 17, 1922
Bernard, John	Danville	Vermilion	32	18	639	Feb. 6, 1922
Beveridge, William	Gillespie	Macoupin	49	30	579	Sept. 12, 1921
Biby, Fred A.	Pinckneyville	Perry	32	14	672	April 17, 1922
Bishop, Joseph	Collinsville	Madison	38	8	710	do
Blumenroth, Emil	Mt. Olive	Macoupin	36	18	631	Feb. 6, 1922
Boner, W. H.	Springfield	Sangamon	26	7	704	April 17, 1922
Borella, Peter	Orient	Franklin	38	7	640	Feb. 6, 1922
Brady, M. F.	Pinckneyville	Perry	36	16	680	April 17, 1922
Brantley, Edgar	Murphysboro	Jackson	41	27	567	Sept. 12, 1921
Buehneemann, Albert F.	Worden	Madison	27	11	596	Dec. 5, 1921
Burklow, F. E.	Herrin	Williamson	33	9	716	April 17, 1922
Cairns, John	Nokomis	Montgomery	40	21	593	Sept. 12, 1921
Carney, Harry	Cartersville	Williamson	25	9	732	April 17, 1922
Chadwick, F. D.	Auburn	Sangamon	41	20	615	Dec. 5, 1921
Chamness, Arla M.	Carriers Mills	Saline	35	5	625	Feb. 6, 1922
Chapman, Thomas	Troy	Madison	47	29	724	April 17, 1922
Chitty, Ray H.	Herrin	Williamson	32	18	698	do
Coltman, William	Sesser	Franklin	29	14	683	do
Constable, Alex. L.	Gillespie	Macoupin	34	17	702	do
Cravens, B. F.	Worden	Madison	38	22	648	Feb. 6, 1922
Crawford, William	Benton	Franklin	30	15	603	Dec. 5, 1921
Cullen, Albert S.	Peoria	Peoria	37	24	710	April 17, 1922
Day, Mathew W.	Staunton	Macoupin	37	25	618	Dec. 5, 1921
Deiro, John	Pinckneyville	Perry	33	17	673	April 17, 1922
Denny, Henry	Harrisburg	Saline	31	10	692	do
Doew, E. A.	Vergennes	Jackson	29	8	695	do
Drysdale, George J.	DuQuoin	Perry	35	20	562	Sept. 12, 1921
Duddley, Alfred	Harrisburg	Saline	43	30	564	do
Duncan, Loyd	do	do	40	15	687	April 17, 1922
Edmondson, Joe G.	Ledford	do	40	15	696	do
Evvett, Carl	Cartersville	Williamson	33	18	607	Dec. 5, 1921
Farrant, William	Springfield	Sangamon	36	21	646	Feb. 6, 1922
Finney, W. C.	Frankfort Heights	Franklin	37	18	565	Sept. 12, 1921
Fornera, John	Springfield	Sangamon	30	15	643	Feb. 6, 1922
Francis, Roy R.	DuQuoin	Perry	25	19	707	April 17, 1922
Gallick, Michael	Virde	Macoupin	24	8	620	Dec. 5, 1921
Gartside, Lee	O'Fallon	St. Clair	40	23	690	April 17, 1922
Gentry, Floyd	Cartersville	Williamson	25	8	606	Dec. 5, 1921
Gibbs, W. S.	Herrin	Williamson	33	17	578	Sept. 12, 1921
Gilmore, William	Zeigler	Franklin	26	12	614	Dec. 5, 1921
Grieve, Ivan J.	Belleville	St. Clair	26	9	595	do
Grieve, John A.	do	do	28	10	626	Feb. 6, 1922
Griffith, Dave D.	West Frankfort	Franklin	45	20	580	Sept. 12, 1921
Griftner, J. H.	Champaign	Champaign	30	10	622	Dec. 5, 1921
Hall, William	Springfield	Sangamon	55	40	589	Sept. 12, 1921
Hannay, Wm. M.	Nokomis	Montgomery	40	29	563	do
Haney, George	Georgetown	Vermilion	46	21	585	do
Harriss, Archie C.	DuQuoin	Perry	34	14	721	April 17, 1922
Higgins, Thomas C.	Collinsville	Madison	24	7	570	Sept. 12, 1921
Huss, J. F., Jr.	do	do	36	21	726	April 17, 1922
Jacksobek, Charles B.	Belleville	St. Clair	34	21	571	Sept. 12, 1921
Jarvis, William	Beckemeyer	Clinton	36	22	709	April 17, 1922
Jeffries, W. J.	Herrin	Williamson	41	28	718	do
Jelley, J. R.	Herrin	Williamson	37	21	636	Feb. 6, 1922
Jenkins, Joseph	Catlin	Vermilion	25	6	669	April 17, 1922
Jones, Homer	Herrin	Williamson	34	15	645	Feb. 6, 1922
Jones, John R.	West Frankfort	Franklin	40	28	659	April 17, 1922
Jones, Richard	Witt	Montgomery	28	12	723	do
Jones, Thos. H.	DuQuoin	Perry	44	27	573	Sept. 12, 1921
Keel, Earl	Hillsboro	Montgomery	32	17	729	April 17, 1922
Kemper, W. B.	Johnston City	Williamson	40	20	651	do

MINE MANAGERS—FIRST CLASS—Continued

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Killmar, Henry M.	Staunton	Macoupin	35	10	633	Feb. 6, 1922
Kingin, J. F.	Wyoming	Stark	42	20	676	April 17, 1922
Kiss, Lawrence	Sawyer ville	Macoupin	27	11	619	Dec. 5, 1921
Leischseming, Edward	Mt. Olive	Macoupin	38	23	665	April 17, 1922
Leming, Edward	DuQuoin	Perry	32	16	719	do
Lewis, H. C.	Carriers Mills	Saline	29	7	647	Feb. 6, 1922
Lindo, Emil	Mt. Olive	Macoupin	34	20	662	April 17, 1922
Lorenz, Max	do	do	35	18	663	do
Lucas, James	Carterville	Williamson	38	26	574	Sept. 12, 1921
Lyons, John	Royalton	Franklin	35	21	705	April 17, 1922
McCaines, Daniel	Eldorado	Saline	49	37	693	do
McCartney, James	West Frankfort	Franklin	49	37	730	do
McClelland, James	Springfield	Sangamon	40	20	582	Sept. 12, 1921
McGuiness, Edward	Eldorado	Saline	50	38	694	April 17, 1922
McManus, Charlie	Worden	Madison	29	13	657	do
Macke, John T.	Belleville	St. Clair	36	17	627	Feb. 6, 1922
Marburger, Charles J.	Worden	Madison	24	8	598	Dec. 5, 1921
Mauk, John W.	Danville	Vermilion	55	41	584	Sept. 12, 1921
Mauire, Belia L.	Belleville	St. Clair	28	10	608	Dec. 5, 1921
Menk, Hugh E.	Staunton	Macoupin	37	23	738	April 17, 1922
Menzel, Oscar	Lincoln	Logan	36	23	592	Sept. 12, 1921
Moulin, Charles J.	Worden	Madison	37	25	728	April 17, 1922
Moye, Jesse J.	DuQuoin	Perry	27	10	708	do
Mulligan, John	Decatur	Macon	30	12	649	Feb. 6, 1922
Nicholson, Irwin	West Frankfort	Franklin	42	22	677	April 17, 1922
Nilson, Lester	Eldorado	Saline	26	8	650	Feb. 6, 1922
Norder, Cornelius J.	Mt. Olive	Macoupin	35	19	715	April 17, 1922
Oehler, Fred	do	do	35	20	668	do
Ohl, Arthur H.	Collinsville	Madison	35	20	674	do
O'Neal, Bryon E.	Staunton	Macoupin	25	6	634	Feb. 6, 1922
Patterson, Andrew A.	West Frankfort	Franklin	46	35	735	April 17, 1922
Paterson, John	Taylorville	Christian	37	25	575	Sept. 12, 1921
Perry, J. C.	Marion	Williamson	39	14	691	April 17, 1922
Peterson, O. E.	Freeburg	St. Clair	32	16	609	Dec. 5, 1921
Pittman, J. H.	Carriers Mills	Saline	45	35	624	Feb. 6, 1922
Preval, Fred	Springfield	Sangamon	60	51	587	Sept. 12, 1921
Quinn, T. J.	Sawyer ville	Macoupin	44	33	588	do
Rehg, Charles	O'Fallon	St. Clair	46	28	610	Dec. 5, 1921
Remy, Julius, Jr.	Cedar Point	LaSalle	24	8	628	Feb. 6, 1922
Reese, Henry	Sawyer ville	Macoupin	53	40	586	Sept. 12, 1921
Reynolds, Thomas	Harco	Saline	39	25	688	April 17, 1922
Richmond, J. M.	Johnston City	Williamson	34	20	654	do
Rinehart, A. G.	Christopher	Franklin	47	20	661	April 17, 1922
Russell, Thomas	do	do	38	24	682	do
Schickendanz, Walter	DuQuoin	Perry	24	8	720	April 17, 1922
Schilling, Alfred F.	Belleville	St. Clair	25	7	566	Sept. 12, 1921
Schliepsick, William	Worden	Madison	40	23	599	Dec. 5, 1921
Schmidt, Walter	Royalton	Franklin	30	10	727	April 17, 1922
Scott, Harry V.	Pocahontas	Bond	32	8	591	Sept. 12, 1921
Scott, W. C.	Marissa	St. Clair	25	9	560	do
Seletto, Louis	Assumption	Christian	30	14	655	April 17, 1922
Shannon, James C.	Pawnee	Sangamon	31	17	569	Sept. 12, 1921
Shannon, Thos. J.	Worden	Madison	25	8	597	Dec. 5, 1921
Sharp, Morris	DuQuoin	Perry	32	14	685	April 17, 1922
Short, Thomas O.	Peoria	Peoria	26	9	711	do
Shull, Thomas	Pittsburg	Williamson	40	24	652	do
Smith, Clarence O.	Hillsboro	Montgomery	40	26	630	Feb. 6, 1922
Smith, Fred	Herrin	Williamson	25	9	642	do
Smith, Robert	Peoria	Peoria	37	22	699	April 17, 1922
Sneddon, James L.	Valier	Franklin	31	19	605	Dec. 5, 1921
Snodgrass, Harry	Springfield	Sangamon	36	20	590	Sept. 12, 1921
Spicer, James W.	Georgetown	Vermilion	48	30	623	Feb. 6, 1922
Spiller, Edd	Royalton	Franklin	27	12	706	April 17, 1922
Stewart, Sidney C.	Benton	Franklin	25	10	602	Dec. 5, 1921
Stewart, Vern	Mt. Olive	Macoupin	29	13	660	April 17, 1922
Stille, Adolph	Staunton	do	31	8	734	do
Stoker, William	Bartonville	Peoria	38	22	703	do
Stone, Joe	Royalton	Franklin	42	30	712	do
Streycek, John	Mt. Olive	Macoupin	34	17	717	do
Strothside, Emil	Freeburg	St. Clair	34	20	664	do

MINE MANAGERS—FIRST CLASS—Concluded

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Stroud, Harvey R.	Staunton	Macoupin	43	25	671	April 17, 1922
Sudbrink, Alfred	Collinsville	Madison	28	9	686	do
Sullivan, Stephen, Jr.	Divernon	Sangamon	33	20	568	Sept. 12, 1921
Syers, Jacob	Harrisburg	Saline	48	30	731	April 17, 1922
Taylor, Hawkins	Pinckneyville	Perry	40	10	678	do
Taylor, Mack	Benton	Franklin	52	32	581	Sept. 12, 1921
Templeton, Peter	Cartersville	Williamson	38	22	577	do
Thimming, Benj. B.	DuQuoin	Perry	34	20	722	April 17, 1922
Thompson, James G.	Mt. Olive	Macoupin	42	27	666	do
Turner, Roy	Bartonville	Peoria	25	9	613	Dec. 5, 1921
Viano, Joseph	Coal City	Grundy	47	30	611	do
Vicary, Archie	Peoria	Peoria	35	19	701	April 17, 1922
Vincent, Walter	Farmington	Fulton	42	25	675	do
Vogles, Guy E.	Mt. Olive	Macoupin	26	7	713	do
Walls, Roscoe	West Frankfort	Franklin	34	22	600	Dec. 5, 1921
Walker, Wiley	Valier	do	30	14	604	do
Warner, Roy E.	Marion	Williamson	28	13	572	Sept. 12, 1921
Watts, Jacob	Divernon	Sangamon	47	34	601	Dec. 5, 1921
Watson, Charles	Peoria	Peoria	43	15	638	Feb. 6, 1922
Watson, Robert	New Baden	Clinton	32	16	644	do
West, Henry	Benton	Franklin	41	21	615	Dec. 5, 1921
Whitlington, C. C.	West Frankfort	do	42	12	658	April 17, 1922
Wiley, Sherman	Harrisburg	Saline	36	17	689	do
Wilkinson, Harry	DuQuoin	Perry	39	15	679	do
Williamson, Bob	Springfield	Sangamon	44	32	617	Dec. 5, 1921
Wilson, Robert E.	DuQuoin	Perry	32	21	697	April 17, 1922
Wingett, Abe	Herrin	Williamson	43	24	714	do
Wise, Edward J.	Troy	Madison	34	12	725	do
Woods, Harry	Marion	Williamson	34	13	653	do
Woods, J. E.	Canton	Fulton	40	18	594	Dec. 5, 1921
Woodson, Geo. W.	Springfield	Sangamon	40	20	582	Sept. 12, 1921
Wright, Anderson	Belleville	St. Clair	33	17	667	April 17, 1922
Young, Robert	Benton	Franklin	50	38	576	do
Yule, Loyd A.	Murphysboro	Jackson	28	12	612	Dec. 5, 1921

MINE MANAGERS—SECOND CLASS

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Adams, Martin	DuQuoin	Perry	38	18	384	April 17, 1922
Allgreen, Albert S.	Alexis	Warren	49	19	313	Sept. 12, 1921
Bailey, Earl J.	Gerlan	do	30	4	311	do
Benson, John	Coal Valley	Rock Island	38	20	340	Dec. 5, 1921
Bugos, George	Matherville	Mercer	31	15	344	do
Clause, Charles	Marietta	Fulton	39	11	384	do
Cummings, Albert G.	Sparland	Marshall	54	15	329	Sept. 12, 1921
Curfman, Wilden J.	Wyoming	Stark	34	15	321	do
Dalton, Will	do	do	47	10	327	do
Dawson, George H.	Cable	Mercer	32	16	347	Dec. 5, 1921
Dickins, Roland	Chapin	Morgan	50	7	336	do
Dobyns, Andy	Pinckneyville	Perry	40	24	373	Feb. 6, 1922
Doe, Eugene	Peoria	Peoria	52	29	376	April 17, 1922
Farrell, Joseph A.	Grape Creek	Vermilion	67	47	368	Feb. 6, 1922
Fassiotte, Artiglio	Cuba	Fulton	24	6	335	Dec. 5, 1921
Finrock, Henry	Fairview	do	37	21	370	Feb. 6, 1922
Fish, C. P.	Alton	Madison	30	7	379	April 17, 1922
Ford, Snowden	Fairview	Fulton	44	18	328	Sept. 12, 1921
Friday, Loren	Augusta	Hancock	24	8	308	do
Gilbraith, James	Farmington	Fulton	45	34	371	Feb. 6, 1922
Gorley, D. L.	Ray	Schuyler	45	25	315	Sept. 12, 1921
Hamilton, Louis	Streator	LaSalle	40	24	319	do

MINE MANAGERS—SECOND CLASS—Concluded

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Hare, J. P.	Muncie	Vermilion	45	24	385	April 17, 1922
Hendricks, Frank E.	Fredrick	Schuyler	27	11	363	Feb. 6, 1922
Hodgson, Robert	Bradford	Stark	45	32	302	Sept. 12, 1921
Holden, Walter	Winchester	Scott	41	17	382	April 17, 1922
Hoskins, Albert	do	do	31	16	310	Sept. 12, 1921
Hunt, Thomas	Edwards	Peoria	59	25	333	Dec. 5, 1921
Hurst, Marcus	Peoria	Peoria	29	4	323	Sept. 12, 1921
Johnson, Charlie	Oneida	Knox	44	30	343	Dec. 5, 1921
Kellum, Eugene	Industry	McDonough	40	15	320	Sept. 12, 1921
Keeves, Mat C.	Coal City	Grundy	54	15	324	do
Korty, John G.	Exeter	Scott	30	11	337	Dec. 5, 1921
Kowalkowski, Stanley	Gillespie	Macoupin	38	18	375	April 17, 1922
Kuhn, Earl	Rushville	Schuyler	32	7	362	Feb. 6, 1922
La Fallett, Howard	Hanna City	Peoria	33	17	306	Sept. 12, 1921
Lamb, Edward	Kewanee	Henry	39	22	325	do
Lamb, Wm. F.	Kewanee	Henry	45	29	378	April 17, 1922
Langwith, Henry	Pinckneyville	Perry	32	20	331	Sept. 12, 1921
Lewis, David J.	Witt	Montgomery	53	40	338	Dec. 5, 1921
McCarty, Ed.	Ashland	Cass	32	4	351	do
Magstaff, John	Canton	Fulton	65	44	305	Sept. 12, 1921
May, Walter	Oak Hill	Peoria	24	6	304	do
Miller, Arthur	Danville	Vermilion	30	4	314	do
Miller, Ben	do	do	23	9	386	April 17, 1922
Miller, D. W.	Staunton	Macoupin	60	46	387	do
Miller, E. W.	Macomb	McDonough	38	20	353	Dec. 5, 1921
Naslund, George	Victoria	Knox	63	50	346	do
Nimsick, Cyrus	Cable	Mercer	36	6	312	Sept. 12, 1921
Ormiston, J. W.	Ashland	Cass	42	4	332	Dec. 5, 1921
Overhake, A. W.	Fredrick	Schuyler	50	22	367	Feb. 6, 1922
Parrish, John R.	DeSoto	Jackson	31	4	359	do
Peterson, Albert	Wataga	Knox	48	36	341	Dec. 5, 1921
Petty, Floyd	Trivola	Peoria	29	11	383	April 17, 1922
Peve, Bert	Toulon	Stark	41	23	377	do
Pittman, Ray	Huntsville	Schuyler	47	15	364	Feb. 6, 1922
Rayborn, Frank	Fredrick	do	38	7	366	do
Rinado, John	Mapleton	Peoria	27	10	334	Dec. 5, 1921
Root, George H.	Rushville	Schuyler	31	5	339	do
Rowland, Arthur	Neesleyville	Morgan	45	20	381	April 17, 1922
Sawyer, Allen	Danville	Vermilion	41	20	361	Feb. 6, 1922
Schmeing, Hugo	Mascoutah	St. Clair	27	9	388	April 17, 1922
Schmitgall, George	DuQuoin	Perry	52	20	372	Feb. 6, 1922
Schoonover, Curtis	Canton	Fulton	24	5	322	Sept. 12, 1921
Schumell, Sol	Peoria	Peoria	29	10	330	do
Simpson, Newton W.	Ray	Schuyler	33	17	316	Sept. 12, 1921
Smith, Roy	Rushville	Schuyler	28	8	365	Feb. 6, 1922
Snare, Ernest	Wyoming	Stark	50	37	317	Sept. 12, 1921
Snell, Walter J.	Matherville	Mercer	39	26	369	Feb. 6, 1922
Stell, David	Bryant	Fulton	39	25	354	Dec. 5, 1921
Stevens, Henry	St. Augustine	Knox	37	12	349	do
Stewart, John W.	Manchester	Scott	63	50	357	do
Stoneburner, Lyman	Pana	Christian	43	19	360	Feb. 6, 1922
Story, Arthur	Wyoming	Stark	41	25	318	Sept. 12, 1921
Stufflebeam, D.	Bradford	do	47	20	303	do
Swanson, Elmer	Birmingham	Schuyler	47	33	352	Dec. 5, 1921
Tebrugge, Henry	Petersburg	Menard	35	15	355	do
Terry, John	Littleton	Schuyler	46	12	309	Sept. 12, 1921
Tribbett, Samuel	Murrayville	Morgan	54	32	380	April 17, 1922
Turk, Antony	Soarland	Marshall	35	17	326	Sept. 12, 1921
Wallick, P. J.	Canton	Fulton	35	21	374	Feb. 6, 1922
Walker, Marion M.	Marietta	do	25	7	350	Dec. 5, 1921
Weatherell, John	Danville	Vermilion	33	17	307	Sept. 12, 1921
Willey, L. G.	Birmingham	Schuyler	24	4	356	Dec. 5, 1921
Wilson, Clifford	Danville	Vermilion	37	15	342	do
Woodruff, Scott	Table Grove	Fulton	52	36	345	do
Zimmerman, G. E.	Avon	do	41	4	358	do

MINE EXAMINERS

Name	Post office	County	Age	Years expe- rience	Num- ber of cer- tifi- cate	Date of examination, July 1, 1921, to June 30, 1922
Aherle, Joseph F.	Mt. Olive	Macoupin	40	25	845	Dec. 5, 1921
Adamson, Magnus	Collinsville	Madison	21	5	827	Sept. 12, 1921
Aichle, K.	Zeigler	Franklin	30	8	978	April 17, 1922
Alexa, J. R.	Worden	Madison	24	6	951	Feb. 6, 1922
Ament, Paul	Herrin	Williamson	22	6	788	Sept. 12, 1921
Anderson, James	Divernon	Sangamon	22	5	915	Feb. 6, 1922
Anderson, Mathew	Glen Carbon	Madison	24	7	918	do
Anderson, Oscar	Divernon	Sangamon	21	5	916	do
Anderson, Samuel	Gillespie	Macoupin	37	16	805	Sept. 12, 1921
Anglin, Dick	West Frankfort	Franklin	27	10	1040	April 17, 1922
Appulm, Albert	DuQuoin	Perry	26	8	1035	do
Arthur, John	Gillespie	Macoupin	33	20	1009	do
Ashley, Joseph W.	Percy	Perry	27	11	832	Sept. 12, 1921
Avoski, John	Pinckneyville	do	26	10	1022	April 17, 1922
Awe, Otto	Staunton	Macoupin	44	20	844	Dec. 5, 1921
Bailey, Edward	Edwardsville	Madison	31	15	1018	April 17, 1922
Ballard, Harry	Collinsville	do	30	15	1006	do
Banovic, John	Mt. Olive	Macoupin	23	6	925	Feb. 6, 1922
Bayless, Walter E.	Zeigler	Franklin	38	18	980	April 17, 1922
Baxley, William	Herrin	Williamson	29	13	821	Sept. 12, 1921
Beard, Fred. J.	Worden	Madison	33	9	1011	April 17, 1922
Beggs, Paul	Wenona	Marshall	25	9	842	Dec. 5, 1921
Belt, Loven A.	Dorrisville	Saline	24	7	864	do
Berry, Vane L.	Worden	Madison	32	10	872	do
Bishop, Joseph	Collinsville	do	38	8	825	Sept. 12, 1921
Bixby, Fred	Pinckneyville	Perry	32	14	870	Dec. 5, 1921
Blumenroth, Emil	Mt. Olive	Macoupin	36	18	854	do
Bolt, Dean L.	Peoria	Peoria	22	5	1053	April 17, 1922
Bourland, W. O.	Christopher	Franklin	45	22	877	Dec. 5, 1921
Bovinet, Robt. L.	Harco	Saline	30	6	1024	April 17, 1922
Brady, M. F.	Pinckneyville	Perry	35	5	874	Dec. 5, 1921
Buchanan, J. W.	Herrin	Williamson	26	11	966	Feb. 6, 1922
Buehnemann, Albert F.	Worden	Madison	27	11	799	Sept. 12, 1921
Burnett, C. J.	Royalton	Franklin	28	12	900	Dec. 5, 1921
Cargal, Gordon	Herrin	Williamson	24	8	819	Sept. 12, 1921
Carroll, John B.	Gillespie	Macoupin	59	40	785	do
Casey, Ivan	Marion	Williamson	23	4	863	Dec. 5, 1921
Chapman, J. B.	Johnston City	Williamson	41	20	795	Sept. 12, 1921
Chapman, Thomas	Troy	Madison	46	28	942	Feb. 6, 1922
Chitty, Ray H.	Herrin	Williamson	31	18	793	Sept. 12, 1921
Clay, Harry	Springfield	Sangamon	37	22	998	April 17, 1922
Cobb, William	Marion	Williamson	24	6	798	Sept. 12, 1921
Collins, J. H.	Troy	Madison	36	16	937	Feb. 6, 1922
Constable, Alex. L.	Gillespie	Macoupin	33	17	873	Dec. 5, 1921
Courlson, John	Johnston City	Williamson	46	33	1002	April 17, 1922
Courtain, Clotaire	Danville	Vermilion	22	6	836	Sept. 12, 1921
Courtain, Emil	do	do	24	10	837	do
Coventry, Archibald	DuQuoin	Perry	45	30	1050	April 17, 1922
Cravens, B. F.	Worden	Madison	38	20	841	Dec. 5, 1921
Cullum, James	Pawnee	Sangamon	28	12	776	Sept. 12, 1921
Deiro, John	Pinckneyville	Perry	33	17	908	Dec. 5, 1921
DeLahne, Rene	Williamson	Madison	25	8	906	do
Dempsey, James E.	Dowell	Jackson	30	16	865	do
Dickson, June	Belleville	St. Clair	37	23	775	Sept. 12, 1921
Doran, John E.	Collinsville	Madison	40	26	1007	April 17, 1922
Duddy, James	Springfield	Sangamon	27	10	965	Feb. 6, 1922
Dunn, Charles D.	Johnston City	Williamson	24	6	797	Sept. 12, 1921
Elliott, Thomas	Royalton	Franklin	28	13	902	Dec. 5, 1921
Enis, A. D.	West Frankfort	do	24	6	964	Feb. 6, 1922
Enis, Velmer	do	do	28	10	963	do
Ewing, Harry B.	Collinsville	Madison	43	27	962	do
Farrand, Fred	Springfield	Sangamon	28	6	839	Sept. 12, 1921
Fisher, S. M.	Gillespie	Macoupin	34	15	810	do
Fomera, John	Springfield	Sangamon	29	14	831	do
Fremgen, Harry C.	Taylorville	Christian	29	13	859	Dec. 5, 1921
Fritz, Jerome	DuQuoin	Perry	23	6	1034	April 17, 1922
Gaddis, Fred	Eldorado	Saline	29	13	786	Sept. 12, 1921
Garrett, Ernest	Johnston City	Williamson	34	18	884	Dec. 5, 1921
Gartside, Lee	O'Fallon	St. Clair	40	23	960	Feb. 6, 1922
Gebauer, Charles	Collinsville	Madison	31	15	958	do
Gidwell, Charles I.	West Frankfort	Franklin	43	22	1039	April 17, 1922

MINE EXAMINERS—Continued

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Gollan, Frank.....	Murphysboro...	Jackson.....	42	18	779	Sept. 12, 1921
Govan, Walter W.....	Sesser.....	Franklin.....	27	5	988	April 17, 1922
Graf, Lester.....	DuQuoin.....	Perry.....	21	5	1046	do
Graf, Lloyd.....	DuQuoin.....	Perry.....	24	8	1042	April 17, 1922
Green, W. A.....	Dowell.....	Jackson.....	49	35	905	Dec. 5, 1921
Guiney, Will G.....	Christopher.....	Franklin.....	26	10	881	do
Gullick, Mike.....	Virden.....	Macoupin.....	24	8	781	Sept. 12, 1921
Hack, Herbert.....	Zeigler.....	Franklin.....	22	6	898	Dec. 5, 1921
Hagen, Edward L.....	Johnston City..	Williamson.....	32	10	979	April 17, 1922
Hagler, Harry.....	Cambria.....	Williamson.....	30	12	912	Dec. 5, 1921
Hamrock, John J.....	Dowell.....	Jackson.....	28	8	893	do
Handshy, Marion L.....	Worden.....	Madison.....	35	15	999	April 17, 1922
Harden, I. G.....	Mt. Olive.....	Macoupin.....	29	13	986	do
Harley, Harvey.....	DuQuoin.....	Perry.....	22	4	1025	do
Harper, Ellis.....	Harrisburg.....	Saline.....	25	5	879	Dec. 5, 1921
Harris, Archie C.....	DuQuoin.....	Perry.....	34	14	792	Sept. 12, 1921
Heckle, George.....	Collinsville.....	Madison.....	45	22	1016	April 17, 1922
Hix, Winford.....	Staunton.....	Macoupin.....	25	6	913	Dec. 5, 1921
Hoehn, Rollie A.....	Gillespie.....	do.....	28	6	808	Sept. 12, 1921
Hoehn, Roy O.....	do.....	do.....	32	7	806	do
Hoffman, Henry.....	Collinsville.....	Madison.....	38	12	820	do
Horney, Mike A.....	Benld.....	Macoupin.....	21	5	948	Feb. 6, 1922
Hughes, William.....	Herrin.....	Williamson.....	29	12	888	Dec. 5, 1921
Hunter, Claud R.....	Johnston City..	do.....	27	11	876	do
Hutzel, Homer.....	Buckner.....	Franklin.....	28	12	885	do
Ingles, Robert.....	Gillespie.....	Macoupin.....	44	30	889	do
Irvine, Thomas.....	do.....	do.....	39	28	1010	April 17, 1922
Jackson, William F.....	DuQuoin.....	Perry.....	31	15	774	Sept. 12, 1921
Jacks, John.....	Mt. Olive.....	Macoupin.....	23	6	923	Feb. 6, 1922
Jacks, Mike.....	do.....	do.....	21	5	926	do
Jelley, J. R.....	Herrin.....	Williamson.....	37	21	802	Sept. 12, 1922
Jeremiah, Solomon.....	DuQuoin.....	Perry.....	47	25	943	Feb. 6, 1922
Jones, Richard.....	Witt.....	Montgomery.....	27	10	829	Sept. 12, 1921
Jones, William M.....	Peoria.....	Peoria.....	41	30	993	April 17, 1922
Joshu, Joseph.....	Livingston.....	Madison.....	22	5	975	Feb. 6, 1922
Keith, William.....	Gillespie.....	Macoupin.....	39	31	990	April 17, 1922
Kell, J. D.....	Benton.....	Franklin.....	45	5	970	Feb. 6, 1922
Kelley, Edward.....	DuQuoin.....	Perry.....	21	5	1019	April 17, 1922
Kelly, Thomas.....	Sesser.....	Franklin.....	31	5	914	Feb. 6, 1922
Kellma, Henry M.....	Staunton.....	Macoupin.....	34	10	883	Dec. 5, 1921
Killingsworth, Dwight.....	Pinckneyville.....	Perry.....	33	16	1032	April 17, 1922
Kilgore, John.....	Eldorado.....	Saline.....	45	10	903	Dec. 5, 1921
Kennedy, Algernon.....	DuQuoin.....	Perry.....	21	5	813	Sept. 12, 1921
King, J. Earl.....	Worden.....	Madison.....	27	5	954	Feb. 6, 1922
Knevveller, Rudolph.....	Staunton.....	Macoupin.....	29	7	971	do
Koontz, William A.....	DuQuoin.....	Perry.....	26	6	780	Sept. 12, 1921
Kramer, Ivan.....	Glen Carbon.....	Madison.....	21	5	830	do
Krieger, Earl.....	Orient.....	Franklin.....	28	12	931	Feb. 6, 1922
Lain, Walter E.....	Cambria.....	Williamson.....	30	9	770	Sept. 12, 1921
Lanzerotti, Frank B.....	Gillespie.....	Macoupin.....	27	10	817	do
Law, James.....	Hareo.....	Saline.....	33	16	1026	April 17, 1922
Lawler, E. E.....	Worden.....	Madison.....	23	4	953	Feb. 6, 1922
Leichsenring, Edward.....	Mt. Olive.....	Macoupin.....	38	22	851	Dec. 5, 1921
Leisen, Frank.....	Collinsville.....	Madison.....	33	18	828	Sept. 12, 1921
Lindo, Emil.....	Mt. Olive.....	Macoupin.....	34	18	849	Dec. 5, 1921
Londot, Mike.....	West Frankfort.....	Franklin.....	47	36	862	do
Lorenz, Max.....	Mt. Olive.....	Macoupin.....	35	18	850	do
Luetschler, Edwald.....	Belleville.....	St. Clair.....	42	22	987	April 17, 1922
McAdoo, J. A.....	Collinsville.....	Madison.....	43	20	953	Feb. 6, 1922
McBeth, Archie.....	Hillsboro.....	Montgomery.....	40	23	838	Sept. 12, 1921
McCann, Michael.....	Ezra.....	Franklin.....	41	30	1027	April 17, 1922
McCoy, W. C.....	Royalton.....	do.....	29	12	1015	do
McCrary, James.....	Pinckneyville.....	Perry.....	45	16	1036	do
McDonald, L. L.....	Harrisburg.....	Saline.....	27	11	840	Sept. 12, 1921
McDowell, John.....	Murphysboro.....	Jackson.....	23	5	794	do
McEnary, William.....	Nokomis.....	Montgomery.....	41	27	1041	April 17, 1922
McLaughlin, Daniel.....	Gillespie.....	Macoupin.....	42	30	1014	do
Mack, John T.....	Belleville.....	St. Clair.....	36	16	846	Dec. 5, 1921
Marburger, Charles J.....	Worden.....	Madison.....	23	6	811	Sept. 12, 1921
Martin, John.....	DuQuoin.....	Perry.....	24	6	787	do

MINE EXAMINERS—Continued

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Martin, Otto	West Frankfort	Franklin	25	9	1043	April 17, 1922
Martinelli, Daniel	Staunton	Macoupin	21	5	936	Feb. 6, 1922
Menk, Hugh E.	do	do	37	23	974	do
Miller, John	Mt. Olive	do	30	9	982	April 17, 1922
Miller, William	Dorrisville	Saline	38	14	777	Sept. 12, 1921
Mitchell, Richard	Sesser	Franklin	40	28	955	Feb. 6, 1922
Moore, James	Collinsville	Madison	51	36	818	Sept. 12, 1921
Morris, John W.	Herrin	Williamson	38	16	803	do
Morris, Guy P.	Springfield	Sangamon	29	12	860	Dec. 5, 1921
Moye, Jessie W.	DuQuoin	Perry	25	9	789	Sept. 12, 1921
Mulligan, John	Decatur	Macon	30	12	977	Feb. 6, 1922
Murphy, John	West Frankfort	Franklin	42	30	909	Dec. 5, 1921
Nash, William S.	Nokomis	Montgomery	26	10	950	Feb. 6, 1922
Nicholson, Irwin	West Frankfort	Franklin	41	28	919	do
Norder, Cornelius J.	Mt. Olive	Macoupin	35	19	921	do
Norder, Frank G.	do	do	33	18	922	do
Norris, Hardy	DuQuoin	Perry	21	5	1020	April 17, 1922
Norris, Iva E.	Pinckneyville	do	24	5	1028	do
Oehler, Fred	Mt. Olive	Macoupin	34	16	853	Dec. 5, 1921
O'Conner, Thomas	West Frankfort	Franklin	40	24	1000	April 17, 1922
Ohl, Arthur H.	Collinsville	Madison	35	19	911	Dec. 5, 1921
O'Neil, W. R.	Marion	Williamson	38	12	822	Sept. 12, 1921
Oscheski, Gus	Staunton	Macoupin	23	6	956	Feb. 6, 1922
Pakovic, Mike	Mt. Olive	do	24	5	855	Dec. 5, 1921
Paridy, Emanuel S.	do	do	30	4	847	do
Parker, Clarence	DuQuoin	Perry	33	19	1023	April 17, 1922
Parker, Ira Neal	do	do	31	15	935	Feb. 6, 1922
Paoli, August	Collinsville	Madison	23	6	1005	April 17, 1922
Patterson, Andrew A.	West Frankfort	Franklin	46	35	929	Feb. 6, 1922
Paterson, Peter	Johnston City	Williamson	43	20	967	do
Peinteur, Charles	Herrin	do	30	14	801	Sept. 12, 1921
Pengilly, Thomas	DeSoto	Jackson	32	16	826	do
Penman, Miles	West Frankfort	Franklin	36	25	907	Dec. 5, 1921
Perkins, Robt. E.	Buckner	do	28	7	967	Feb. 6, 1922
Pflasterer, John W., Jr.	Darnstadt	St. Clair	29	12	783	Sept. 12, 1921
Pingalt, John C.	Staunton	Macoupin	23	7	878	Dec. 5, 1921
Portugal, Earl J.	Gillespie	do	26	5	824	Sept. 12, 1921
Portier, Nester	Eldorado	Saline	26	7	947	Feb. 6, 1922
Portter, Henry	Peoria	do	28	12	1021	April 17, 1922
Pursell, Arkell	Pinckneyville	Perry	21	5	882	Dec. 5, 1921
Ramshaw, William	Troy	Madison	31	15	944	Feb. 6, 1922
Rausch, Frank	New Douglas	do	41	27	969	do
Rees, David	Troy	do	36	18	1038	April 17, 1922
Reeves, Dewey	Christopher	Franklin	23	7	1003	do
Remy, Julius, Jr.	Cedar Point	LaSalle	24	8	796	Sept. 12, 1921
Richardson, Archie E.	West Frankfort	Franklin	32	12	932	Feb. 6, 1922
Richardson, E. H.	Christopher	Franklin	34	8	1004	April 17, 1922
Richardson, Robt. M.	DuQuoin	Perry	26	10	895	Dec. 5, 1921
Roe, Frank W.	Seneca	LaSalle	24	7	800	Sept. 12, 1921
Roe, James F.	West Frankfort	Franklin	34	20	934	Feb. 6, 1922
Rodman, Eubrey	Energy	Williamson	34	20	968	do
Rodenbush, Conrath W.	West Frankfort	Franklin	44	29	851	Dec. 5, 1921
Rogers, Joseph C.	do	do	23	8	1045	April 17, 1922
Rowe, Thomas J.	East Peoria	Tazewell	22	6	996	do
Roman, H. E.	Royalton	Franklin	25	9	896	Dec. 5, 1921
Russell, Alexander	Gillespie	Macoupin	35	21	973	Feb. 6, 1922
Sadberry, Henry	DuQuoin	Perry	32	14	794	Sept. 12, 1921
Scarlett, John	West Frankfort	Franklin	27	12	1052	April 17, 1922
Schlipsich, William	Worden	Madison	40	23	812	Sept. 12, 1921
Schlomann, Frank F.	Mt. Olive	Macoupin	46	20	824	Feb. 6, 1922
Schmidt, Robt. C.	Mt. Olive	Macoupin	34	15	883	April 17, 1922
Schmidt, Walter	Royalton	Franklin	30	10	941	Feb. 6, 1922
Scholz, W. O.	Staunton	Macoupin	30	18	850	Dec. 5, 1921
Schradan, David	Collinsville	Madison	21	5	891	do
Schrameck, Francis	Troy	do	27	10	939	Feb. 6, 1922
Schrambeck, John F.	do	do	25	7	946	do
Schulinter, Carl J.	DuQuoin	Perry	25	10	778	Sept. 12, 1921
Shears, William	Divernon	Sangamon	23	5	917	Feb. 6, 1922
Shannon, Joseph	Worden	Madison	21	4	809	Sept. 12, 1921
Shannon, Thos. J., Jr.	do	do	25	8	807	do
Shooter, Edward	Cambria	Williamson	34	20	772	do

MINE EXAMINERS—Concluded

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Siegert, Gus	Pana	Christian	26	7	858	Dec. 5, 1921
Simpson, R. E.	Royalton	Franklin	28	10	1048	April 17, 1922
Sislock, John	Pittsburg	Williamson	26	14	867	Dec. 5, 1921
Smith, Amos	Royalton	Franklin	28	12	1051	April 17, 1922
Smith, Clarence	Hillsboro	Montgomery	40	26	834	Sept. 12, 1921
Smith, Evert	Valier	Franklin	29	10	945	Feb. 6, 1922
Smith, Fred	Herrin	Williamson	24	8	804	Sept. 12, 1921
Smith, Russell	East St. Louis	St. Clair	22	4	1044	April 17, 1922
South, Homer F.	Carterville	Williamson	27	13	901	Dec. 5, 1921
Spernoga, Joseph A.	Staunton	Macoupin	31	8	957	Feb. 6, 1922
Spiller, Edd	Royalton	Franklin	26	11	897	Dec. 5, 1921
Stallons, Frank	Herrin	Williamson	38	21	1001	April 17, 1922
Stamerjohn, Fred	Bartonville	Peoria	35	19	994	do
Steidner, Martin	Murphysboro	Jackson	36	18	890	Dec. 5, 1921
Stein, Fred L.	Peoria	Peoria	27	4	995	April 17, 1922
Stephens, Otto T.	DuQuoin	Perry	38	20	892	Dec. 5, 1921
Stevenson, Vern	Pinckneyville	do	34	16	887	do
Steward, Karl	Staunton	Macoupin	27	10	1012	April 17, 1922
Stille, Albert	Staunton	Macoupin	35	20	1013	do
Stinart, Vern	Mt. Olive	do	28	10	852	Dec. 5, 1921
Story, Charles	Johnston City	Williamson	44	30	856	do
Strejeck, John	Mt. Olive	Macoupin	34	17	920	Feb. 6, 1922
Sudbring, Alfred	Collinsville	Madison	27	6	904	Dec. 5, 1921
Taylor, Hawkins	Pinckneyville	Perry	40	6	869	do
Taylor, Marshal	Benton	Franklin	35	19	815	Sept. 12, 1921
Terando, Joseph L.	Zeigler	do	24	4	1031	April 17, 1922
Tester, Chris	Bartonville	Peoria	43	29	992	do
Thimming, Ben	DuQuoin	Perry	32	18	773	Sept. 12, 1921
Thompson, Charles E.	Frankfort Heights	Franklin	39	25	814	do
Thompson, John H.	West Frankfort	do	27	13	899	Dec. 5, 1921
Thompson, John	Frankfort Heights	do	38	24	930	Feb. 6, 1922
Thrush, Frank	Peoria	Peoria	28	12	997	April 17, 1922
Thrush, Jesse J.	do	do	21	6	991	do
Tippins, Sidney A.	Gillespie	Macoupin	28	12	1008	do
Tobenick, John F.	Collinsville	Madison	47	35	959	Feb. 6, 1922
Tom, T. B.	Carterville	Williamson	42	8	883	Sept. 12, 1921
Torresco, Mike	Mt. Olive	Macoupin	21	5	928	Feb. 6, 1922
Towers, Thomas	Christopher	Franklin	39	20	875	Dec. 5, 1921
Trologo, Joe	do	do	28	9	790	Sept. 12, 1921
Truetschler, Curt	Mt. Olive	Macoupin	42	25	981	April 17, 1922
Truetschler, Frank	do	do	25	9	984	do
Vancil, Martin	Harrisburg	Saline	29	7	771	Sept. 12, 1921
Voyles, Guy	Mt. Olive	Macoupin	26	6	848	Dec. 5, 1921
Wallace, Hugh	Eldorado	Saline	44	32	1029	April 17, 1922
Walker, Ike	DuQuoin	Perry	40	26	1049	do
Ware, Charles H.	West Frankfort	Franklin	29	16	861	Dec. 5, 1921
Watson, Robert	New Baden	Clinton	32	16	835	Sept. 12, 1921
Weaver, Ralph	Royalton	Franklin	23	4	1017	April 17, 1922
Weighill, William	Pontiac	Livingston	37	24	949	Feb. 6, 1922
Wenschoff, F. W.	Mt. Olive	Macoupin	37	23	985	April 17, 1922
Wenskinsky, Julius	Breese	Clinton	48	33	871	Dec. 5, 1921
Wheaton, Dan	DuQuoin	Perry	28	7	782	Sept. 12, 1921
Wieland, Christian C.	Springfield	Sangamon	25	9	843	Dec. 5, 1921
Williams, Elmer	Benton	Franklin	21	5	868	do
Williams, Harry A.	Hurst	Williamson	32	12	886	do
Wiley, Sherman	Harrisburg	Saline	35	16	894	do
Wiley, Marion L.	do	do	33	15	976	Feb. 6, 1922
Wilson, Robt. E.	DuQuoin	Perry	31	21	938	do
Wilson, W. Guy	do	do	38	17	1030	April 17, 1922
Wilson, W. H.	Johnston City	Williamson	36	22	816	Sept. 12, 1921
Wilkinson, Percy	Troy	Madison	42	29	1047	April 17, 1922
Wingo, Sherman C.	West Frankfort	Franklin	28	11	1037	do
Wise, Edward J.	Troy	Madison	34	12	940	Feb. 6, 1922
Wood, A. C.	West Frankfort	Franklin	44	18	933	do
Wood, Neal	Christopher	do	32	15	823	Sept. 12, 1921
Wray, John	Staunton	Macoupin	23	6	910	Dec. 5, 1921
Yancik, Joe	Mt. Olive	do	23	8	927	Feb. 6, 1922
Yancik, John S.	do	do	25	8	989	April 17, 1922
Yates, Oliver	DuQuoin	Perry	28	7	1033	do
Youldulis, Joseph	Coello	Franklin	26	8	866	Dec. 5, 1921
Young, John	Benton	do	47	32	972	Feb. 6, 1922
Yule, Lody A.	Murphysboro	Jackson	28	12	784	Sept. 12, 1921

HOISTING ENGINEERS, FIRST CLASS

Name	Post office	County	Age	Years expe- rience	Num- ber of cer- tifi- cate	Date of examination, July 1, 1921, to June 30, 1922
Allen, W. M.	Peoria	Peoria	29	8	429	Dec. 5, 1921
Anderson, James	Divernon	Sangamon	48	4	459	April 17, 1922
Armstrong, Ira	Harrisburg	Saline	40	3	455	do
Beauford, G. R.	West Frankfort	Franklin	49	7	454	do
Becanon, W. Walter	Peoria	Peoria	25	2½	456	do
Beckes, Lloyd	Pinckneyville	Perry	28	4	453	do
Benson, D. Ralph	Sparta	Randolph	24	2¼	461	do
Berresford, Robt. D.	Toluca	Marshall	35	9	423	Dec. 5, 1921
Billings, William	Marion	Williamson	33	12	416	do
Borum, Herman	Pittsburg	do	38	4	418	do
Brase, P. H.	Worden	Madison	29	2	417	do
Breese, David C.	Belleville	St. Clair	22	3	460	April 17, 1922
Buck, John L.	Assumption	Christian	35	5	425	Dec. 5, 1921
Buskohl, John C.	Mt. Olive	Macoupin	35	4	436	Feb. 6, 1922
Cady, W. C.	Farmington	Fulton	45	2	428	Dec. 5, 1921
Caldwell, Walker	Odin	Marion	27	3	420	do
Casey, Ward	Cartersville	Williamson	31	2½	410	Sept. 12, 1921
Cherry, Bert L.	Carlinville	Macoupin	32	2½	442	April 17, 1922
Cogle, Melvyn	Eldorado	Saline	21	3½	439	Feb. 6, 1922
Craddock, Jesse J.	Auburn	Sangamon	31	6	431	Dec. 5, 1921
Dagon, Frank	Hillsboro	Montgomery	37	2½	413	Sept. 12, 1921
Davis, Daniel B.	Harrisburg	Saline	32	4	451	April 17, 1922
DeSart, Thos. Elmer	Carlinville	Macoupin	38	2½	419	Dec. 5, 1921
Donnelly, Charles	Toluca	Marshall	36	9	422	do
Francisconi, Chas.	Carlinville	Macoupin	31	5	441	Feb. 6, 1922
Gerstenecker, James A.	Collinsville	Madison	28	2	424	Dec. 5, 1921
Greene, D. W.	Gillespie	Macoupin	36	4	447	April 17, 1922
Greene, T. D.	do	do	34	4	445	do
Harris, John W.	Tan araa	Perry	28	3	415	Sept. 12, 1921
Hazel, W. E.	Benton	Franklin	25	2½	438	Feb. 6, 1922
Holland, James	Springfield	Sangamon	32	4	433	do
Honea, I. T.	Peoria	Peoria	42	3	415	April 17, 1922
Jackson, Wm. N.	Troy	Madison	31	8	437	Feb. 6, 1922
Jones, Harry	Springfield	Sangamon	34	2	409	Sept. 12, 1921
Kaiser, Louis	Braidwood	Will	44	14	412	do
Kennedy, C. W.	Norris City	White	42	7	450	April 17, 1922
Kennedy, J. W.	do	do	35	7	452	do
Klinkhardt, Theodore	DuQuoin	Perry	39	2½	443	do
Lasswell, Clyde	Johnston City	Williamson	21	5	458	do
Meyer, Darby E.	O'Fallon	St. Clair	28	2	430	Dec. 5, 1921
Meyer, Oscar W.	do	do	33	3¼	414	Sept. 12, 1921
Paule, Gotlieb	Freeburg	St. Clair	29	2½	435	Feb. 6, 1922
Paul, William	Collinsville	Madison	28	2½	440	do
Poston, Charles R.	Assumption	Christian	37	5	457	April 17, 1922
Powers, C. A.	Pekin	Tazewell	49	2	446	do
Pugh, Solon G.	East St. Louis	St. Clair	64	5	449	do
Richards, Albert	Rushville	Schuyler	42	8	427	Dec. 5, 1921
Schultz, William	Danville	Vermilion	34	5	421	do
Sittig, John H.	Harrisburg	Saline	34	5	426	do
Strong, Walter J.	Collinsville	Madison	23	2¼	448	April 17, 1922
Tasker, Thomas H.	Cartersville	Williamson	31	10	411	Sept. 12, 1921
Wagner, George W.	Willisville	Perry	43	3	463	April 17, 1922
Welch, Paul	Zeidler	Franklin	28	5	432	Feb. 6, 1922
Wilkening, Walter H.	O'Fallon	St. Clair	30	5	434	do
Williamson, Howard C.	Sparta	Randolph	40	4	462	April 17, 1922

HOISTING ENGINEERS—SECOND CLASS

Name	Post office	County	Age	Years expe- rience	Num- ber of cer- tifi- cate	Date of examination, July 1, 1921, to June 30, 1922
Baker, J. W.	Canton	Fulton	43	2	45	April 17, 1922
Derry, James	Astoria	do	50	3	38	Dec. 5, 1921
Doe, Eugene	Peoria	Peoria	32	2	46	April 17, 1922
Fraikes, Frank	Lewistown	Fulton	32	2	39	Feb. 6, 1922
Johnson, John E.	Bradford	Stark	50	3	44	April 17, 1922
Lamb, W. T.	Kewanee	Henry	45	8	41	do
McCartney, M. J.	Gerlaw	Warren	38	10	40	Feb. 6, 1922
Miller, Frank	Pleasant Plains	Sangamon	28	2½	42	April 17, 1922
Schlecte, Fred	Okawville	Washington	37	10	43	do

